GENERATOR WASTE PROFILE



City Environmental, Inc. (313) 923-9080 (\$13) 923-9375 (FAX)

TRACS No.:	
Soles Ban CZ	

Submit typed or legibly printed profile with analytical and a one (1) quart representative sample.

1/17

CITY ENVIRONMENTAL, INC.
923 Frederick Street • Detroit, MI 48211

1	1923 Frederick Street MiD 980-	991-565
,	Wastewater Treatment	Chemical Fixation/Stabilization
	Generator Name US EPA Region II	US EPA ID No. NJD 002405 736
Š	Plant Name Meadowlands Plating Site	State ID No. Same
MAN	Sile Address 890 Petterson Plank Road	FAX ()
NFORMATION	City East Rutherford State NJ	County ZIP
	Mail Address 2890 Woodbridge Ave , Bld	209 (MS-211)
F	Cin. Edison	State NJ ZIP 08837
SENERATOR	Authorized Contact M. Golicki	State NJ ZIP 08837 Phone #321 \$ 900. 6918:
	Emergency Contact Chris Lee (Cyital)	Phone (76) 356-3135
- {	Emergency Comment	
3	Customer Capital Environmental Services	Established Account? 图 Yes 口 No
IAT	Mailing Address 8229 Boone Blud, Su, te 3/0	If Yes, Account No.
NFORM	City, State, ZIP Viennu, VA 22182	FAX (703) 356-4198
2	Technical Contact Mike Schubert	Phone (710) 344-3286/740-344-2185fax
	Accounting Contact Jerica Harrington	Phone (703) 356-3/35
æ		
COI	MON NAME OF WASTE: Weak Nitric Acid	Liguids - Comp 17
5	Provide a detailed description of the process which diagrams, if available)	ch generates the waste. (Include any flow or block of a former platne facility: drums
WASTE GENERAL DESCRIPTION	** CERCLA approved facilities on	
18 /	REPRESENTATIVE SAMPLE INCLUDED?	res 12 No

,						
y.	Physical state at 70°F:	□ Solid	□ Powder/ D	ust (Sludge (41070) 1140:m	©Liquid
STK	Color: black green	/varies			(-10 /2 1400;41	
CHARACTERISTICS	Phases/Layers:	⊠Single	及Bi-Layered	Some (⊒Multi-Layer	ed
ARA	Odor:	IN None	□Mild	ε	Strong	4
	Flash Point: 🖂 <73°F.	□ 74° - 99°F	. 🗆 100° - 10	40°F. 🗆 1:	41° - 200°F.	□ >200°F. 🔯 N.A.
PHYSICAL	pH Range: 🙇 <2	□ 2 • 3	□ 3 · 7	□ 7	- 12.5	□ >12.5 □ N.A.
PH Y	Density: 🗆 <0.80	0.80 - 1.0	प्र 1.01 - 1. थर्म	20 🗆 1.	.21 - 1.40	Exact:
`		***********				
2	nitric acid		-10 %	chromium	·	10-550 pm
CHEMICAL	sylfunic acid			nickle		10 - 280 pm 4-5 %
	hydrachlone acid		5-85 %	TING		10 - 83 pam
0 8	dirt/sludge,		7-10 %			%)
•						
QUANTITY AND CONTAINMENT		OTHER/SPECI HIGHWAY Z 8-/ Y: PER WEEK	RAIL C		OTHER:	one time
SHIPPING INFORMATION	US DOT - SHIPPING DE Proper Shipping Name:	RQ Waste ('notric as) UN/NA	Number UA	Liguid, a 1.3266	<i>cidic, In or</i> — Packing G	I
`						
TS	Certificate of Dispose the year, send to who a		E Yes Capital		o address	
EMEN	2. Are loads to be weig	hed?	C) Yes	⊅ Ne	0	
SPECIAL REQUIREMENTS	3. Hazardous Tax exem If yes, certificate is re with each manifest.	pt? Iquired	Ø Yes		o	
SPECIA	4. Purchase order requires, please provide	ired? number.		0 No 42/99	-	
	5. Transportation quota	tion requested	?	<u> </u>		

Sased on RCRA Regulations (40CFR261) and Michigan Hazardous Waste Rules (Act 451)

•		ABIL LIGHT AND AND LIGHT AND			
		QUESTION	YES	NO	WASTE CODE(S) (If Applicable)
	1.	is this a RCRA Hazardous Waste?	×		0003, 0007
t	2.	is the waste a Michigan Hazardous Waste (Act 461)?		×	
	3.	Does the waste leach TCLP Constituents above regulatory limits? (Identify all applicable waste codes)	*		0007
	4.	Does this waste contain total Mercury greater than 260 ppm?		×	
t	5 .	Does the waste exhibit ignitability? (attach results)		×	
I	6.	Does the waste exhibit Corrosivity? (attach results)	*		0002
	7.	Does the waste contain reactive oyenide greater than 250 ppm?		×	
	8.	Does the waste contain reactive sulfide greater than 500 ppm?		×	
	9.	Does the weste meet any F tisting description?		*	
	10.	Does the waste meet any K listing description?		×	
	11.	Does the waste meet any P listing description?		×	
	12.	Does the waste meet any U listing description?		×	
	13.	is this waste subject to Benzene NESHAP regulations? (>10 ppm, Benzene by weight)		×	
	14.	le this waste a <u>non-hazardous</u> liquid waste regulated under Michigan Act 451, Part 1217		*	
	15.	Does the waste contain PCB's greater than 49 ppm, or, is the waste derived from a source containing PCB's greater than 50 ppm?		×	,
	16.	Is waste generated as a result of UST activity, regulated under 40 CFR 280? (If yee, what was the contents of the tank?)		×	
	17.	Does this waste contain used oil? (If yes, Total Halogen Analysis is required - Halogen > 1,000 ppm requires 8260 SCAN)		×	
	18.	Is the waste exempt under CESQG regulation 40 CFR 281.5? (If yes, must submit CESQG Certification)		×	
	19.	is this waste regulated under:Subpart CC air emission standards (VOC ≥ 500 PPMW)? If yes, please submit any VOC analysis.		X	
	20.	Does this waste contain metal fines/powders?		×	
	21.	Does this waste exhibit any radioactivity?		X	
	22.	Is this waste pyrophoric, air reactive or explosive?		X	
	ı		ţ	1	

WASTE CHARACTERIZAT

Based on either TCLP (attach results) or Generator knowledge indicate in the poles the constituent for which the waste is hazardous.

METALS
Doos Barium Doos Cadmium Doos Cadmium Doos Chromium Doos Chromium Doos Lead Doos Mercury Doos Lead Doos Mercury Doos Lead Doos Mercury Doos Lead Doos Mercury Doos Mercury Doos Lead Doos Mercury Doos Merc
Doos Cadmium
DOOP Chromism DOOP Chromism Chro
Doos Lead Doos Mercury Doll Selenium Doll Selenium Doll Silver Doll Silver Doll Silver Doll Selenium Doll Silver Doll Silver Doll Selenium Doll Silver Doll Silver
DO09 Mercury DO10 Selenium 1.0
DO10 Selenium DOII Silver Si
DOIL Silver Silver Copper Copper 100.0
Second State 100.0
Z NE ORGANICS mg/L Yes No D037 Pentachlorophenol 100.0 D018 Senzene 0.5 D026 TTL Cresol 200.0 D018 Senzene 0.5 D026 TTC Cresol 100.0 D019 Carbon Tetrachloride 0.5 D026 D042 2,4,6 - Trichlorophenol 2.0 D021 Chlorobenzene 100.0 D022 Chlorobenzene 100.0 D022 Chlorobenzene 0.5 D022 Chlorobenzene 0.5 D022 Chlorobenzene 0.5 D022 Endrin 0.02 D029 1,1 Dichloroethylene 0.7 D020 Chlordane 0.03 D028 1,2 Dichloroethylene 0.7 D020 Chlordane 0.003 D028 Methyl Ethyl Ketone 200.0 D020 D031 Heptachlor (& its Hydroxide) 0.008 D035 Methyl Ethyl Ketone 200.0 D031 Heptachlor (& its Hydroxide) 0.008 D039 Tetracholorathylene 0.7 D031 Lindane 0.4 D039 Tetracholorathylene 0.5 D031 Methorychior 10.0 D030 Thichloroethylene 0.5 D031 Methorychior 10.0 D030 Thichloroethylene 0.5 D031 Methorychior 10.0 D030 Toxasphene 0.5 D031 Methorychior 10.0 D030 Toxasphene 0.5 D031 Methorychior 10.0 D031
Z ME ORGANICS mg/L Yes No D037 Pentachlorophenol 100.0 D018 Senzene 0.5 D041 2,4,5 - Trichlorophenol 400.0 D019 Carbon Tetrachioride 0.5 D042 2,4,6 - Trichlorophenol 2.0 D021 Chlorobenzene 100.0 D2 D042 2,4,6 - Trichlorophenol 2.0 D022 Chlorobenzene 100.0 D2 PESTICIDES mg/L Yes D022 Chloroterm 0.03 D023 1,2 Dichloroethane 0.5 D2 D020 Chlordane 0.03 D029 1,1 Dichloroethane 0.7 D2 D012 Endrin 0.02 D035 Methyl Ethyl Ketone 200.0 D2 D031 Hepischlor (& its Hydroxide) 0.005 D035 Methyl Ethyl Ketone 200.0 D2 D031 Hepischlor (& its Hydroxide) 0.005 D039 Tetrachdorathylene 0.7 D2 D013 Lindane 0.4 D039 Tetrachdorathylene 0.5 D014 Methoxychior 10.0 D040 Thichloroethylene 0.5 D016 D016 Toxaphene 0.5 D016 Z,4 D D017 Z,4,5 TP (Silvex) 1.0 D017 Z,4,5 TP (Silvex) 1.0 D017 Z,4,5 TP (Silvex) 1.0 D018 D018 D019 D019 D019 D019 D019 D019 D019 D019
ORGANICS mg/L ves No D031 Perturbitor Perturbitor Pertur
D018 Senzene 0.5
D019 Carbon Tetrachicride D021 Chlorobenzene 100.0
D021 Chlorobenzene 100.0
D022 Chloroform 6.0
D028 1,2 Dichloroethane 0.5
D029 1.1 Dichloroethylene 0.7 D2 D031 Heptschlor (& its Hydroxide) 0.008 D035 Methyl Ethyl Ketone 200.0 D35 D031 Heptschlor (& its Hydroxide) 0.008 D039 Tetracholorethylene 0.7 D3 D013 Lindane 0.4 D040 Trichloroethylene 0.5 D3 D014 Methoxychior 10.0 D043 Vinyl Chloride 0.2 D3 D016 Texaphene 0.5 D016 Texaphene 0.5 D016 Z,4 D D016 Z,4 D D017 Z,4,6 TP (Silvex) 1.0 D017 Z,4,6 TP (Silvex) 1.0 D017 Z,4,6 TP (Silvex) 1.0 D018 D018 D018 D018 D018 Z,4 D D019 D019 Z,4,6 TP (Silvex) 1.0 D019 D019 D019 D019 D019 Z,4,6 TP (Silvex) 2.4 D019 D019 D019 D019 D019 D019 Z,4,6 TP (Silvex) 2.4 D019 D019 D019 D019 D019 D019 D019 D019
Doss Methyl Ethyl Ketone 200.0
Doss Tetracholorethylene 0.7
D040 Trichlorosthylene 0.5
D043 Vinyl Chloride 0.2 D M D016 Toxaphene HERBICIDES mg/L You D016 2,4 D 10,0 D017 2,4,6 TP (Silvex) 1.0 D018 D018 D018 D018 D018 D018 D018 D01
HERBICIDES mg/L. You Dot 2.4 D 10.0 Dot 2.4.6 TP (Silvex) 1.0 Dot 2.4.
D016 2,4 D 10,0 E D017 2.4,6 TP (Silvex) 1.0
Based upon my knowledge of the waste and the process generating the waste, these constituent
Based upon my knowledge of the waste and the process generating the waste, these constituent
Based upon my knowledge of the waste and the process generating the waste, these constituent
Marco C Saraci- Time: (1)
Print: Michael F. Societe Title: DSC Signed: Sechec Date: 4/28/99
Merchan Date: 4/28/49
On behalf of the generator I certify that all information contained in this profile, including information, is complete and factual and is an accurate representation of the known and sinformation, is complete and factual and is an accurate representation of the known and sinformation, is complete and factual and is an accurate representation of the waste described herein; and

City Environmental, Inc. SUBPART CC CERTIFICATION

Generator Name: _	US EPA Region II-Meadowl	ands Plating Site
Profile Number: _	Weak Nith	ic Acid Lyund-Comp 17
Name	, <u>On-Site Coordinat</u> Title <u>US EPA Region II</u> , do	
representative or	Company	Hereby cording that the
and accurate, and does not conta	ined in the above reference in further represent and common volatile Organic (eater than 500 ppmw (total	ertify that this waste Compounds (VOC's) in
generating this h	n is made based upon my k azardous waste and does a ility that may effect VOC	ccount for any seasonal
Meteur		4/28/19
Signature of Auth	orized Representative	Date
Makpor F. So	celle	
Printed Name of A	uthorized Representative	

CITY ENVIRONMENTAL, INC. SURCHARGE EXEMPTION CERTIFICATION

	US EPA Region II-Meadowlands Plating Site
Address: _	890 Patterson Plank Road, East Rutherford, NJ 07073
EPA ID#:	
Approval #	
This certi	lfication is pursuant to Section 324.11108(4) of Michigan's Natural and Environmental Protection Act, 1994 PA 451 (Act 451).
Wast	E TYPE:D002, D007
WAST	E DESCRIPTION: Weak Nitric Acid Liquids-Comp 17
QUAN	TITY AND UNITS: 8-10 drums
MANI	FEST NUMBER:
The follow section:	ring hazardous waste is exempt from the fees provided for in this
	Ash that results from the incineration of hazardous waste or the incineration of solid waste as defined in part 115.
	Hazardous waste exempted by rule because of its character or the treatment it has received.
<u>x</u>	Hazardous waste that is removed from a site of environmental contamination that is included in a list submitted to the legislature pursuant to section 20105, or hazardous waste that is removed as part of a site cleanup activity at the expense of the state or federal government.
	Solidified hazardous waste produced by a solidification facility licensed pursuant to section 11123 and destined for land disposal.
	Hazardous waste generated pursuant to a 1-time closure or site cleanup activity in this state if the closure or cleanup activity has been authorized in writing by the department. Hazardous waste resulting form the cleanup of inadvertent releases which occur after March 30, 19998 is not exempt from the fee.
_	Primary and secondary wastewater treatment solids from a wastewater treatment plant that includes an aggressive biological treatment facility as defined in section 3005(j)(12)(B) of subtitle C of the solid waste disposal act, 42 U.S.C. 6925.
	Emission control dust or sludge from the primary production of steel in electric furnaces.
4/-	28/99 Muhu
Dat	Signature
use	[MUHDEC K. SOLECKI
Compai	ly Name Printed Name

Upstate Laboratories, Inc. Analysis Results Report Number: 07898113

sampled by: Client

APPROVAL:

MBOARS

1022036

04/01/99

03/26/99

ab I.D.: 10170 29076/MEADOWLANDS PLATING COMPOSITE 17 1618E 03/18/99 C

TLE I.D.: 07899113"

Matrix: 8011d PARAMETERS RESDLIE DATE ANAL. FILE Rekavalent Chromium <0.23mg/kg dw 03/19/99 MC5288 Mitrate-Mitrogen 100,000mg/kg dw HC5345 03/25/99 Chlorida 160mg/kg dw 03/23/99 Corrogivity <2.050 L 03/23/99 HC5311 ------Flash Point >60dagC 03/30/99 WC34D3 Saint Filter Test Pass 03/30/99 Percent Solida 03/24/99 BOS NC5336 Sulfate 77,000mg/kg dw 03/25/99 Total Aluminum 98mg/kg dw 03/26/99 MH2030 Total Antimony <75mg/kg dw 02/26/99 ME2030 Total Arsenic by furnace mothod 5.3mg/kg dw 03/26/99 M2030 Total Barium ME2030 <75mg/kg &w 03/26/99 Total Seryllion <1.2mg/kg dw 03/26/99 ME2030 Total Cadmium 2.0mg/kg dw 03/26/99 2022030 Total Calcium 03/29/99 <200mg/kg dw MB2032 Total Chronium 03/26/99: \$50mg/kg dw -ME2030 Total Cobalt MB2030 MB2030 15mg/kg dw 03/26/99 Copper Total 280mg/kg dw 03/26/99 Total Iron MH2030 MH2030 MH2032 1100mg/kg dw 03/26/99 Total Lead 03/26/99 7.4mg/kg dw Total Magnesium <200mg/kg dw 03/29/99 Total Kanganese 1012030 1000885 5.0bg/kg.dw 01/26/99 Mergury Total <0.3mg/kg dw 04/01/99 Total N1ckel X41,000mg/kg dw 162030 03/26/99 Total Potassium 200mg/kg dw MH2032 03/29/99 Total Selenium by furnace method M12030 4.9mg/kg dw 03/26/99 Total Silver <12mg/kg dw 03/26/99 M2030 Total Sodium ME2032 27,000mg/kg dw 03/29/99 Total Thallium by furnace method <0.8mg/kg dw 03/26/99 MB2030 Total Vanadium <75mg/kg dw 3002020 03/26/99 Total Zina 83mg/kg dw 03/26/99 **1032030** TCLE Arsenic 0.28mg/1 03/26/99 2022030 TCLP Batium <0.6mg/1 03/26/99 MH2030 TCLP Cadmium 0.094mg/1 ME3010 93/26/99 TCLP Chronium 24mg/1~ 03/26/99 M22010 TCLP Copper 23mg/1 EE2030 03/26/99 TCLP Load 0.05mg/l 03/26/99 ME2630 TCLP Margury 0.011mg/1

0.15mg/1

dw = Dry weight

TCLP

Selenium

Upstate Laboratories, Inc. Analysis Results Report Number: 07899113

Sampled by: Client

APPROVAL: QC: Lab I.D.: 10170

29076/MEADOWLANDS

MATRIX: Solid PLATING COMPOSITE 17 1615# 03/18/99 C

--- ULI I.D.: 07899113

PARAMETERS

Silver Zinc

DECTIFOR	

Q3/26/99

<0.10mg/l 3.4mg/1

03/26/99

dw s Dry weight

GENERATOR WASTE PROFILE



City Environmental, Inc. (313) 923-0090 (313) 923-3375 (FAX)

ATRACS No.:	بدواهيل
Sales Ban: CZ	

Submit typed or legibly printed profile with analytical and a one (1) quart representative sample.

11,

CITY ENVIRONMENTAL, INC.

	1923 Frederick Street • Detroit, MI 48211 MID 980-991-565					
	☐ Wastewater Treatment ☑	Chemical Fixation/Stabilization				
	Generator Name US EPA Region II	US EPA 10 No. NJD 102 405 736				
Š	Plant Name Meadowlands Plating Site	State ID No				
3	Sile Address 890 Patterson Plank Road	FAX ()				
INFORMATION	City East Rutherford State NJ	County ZIP				
1	Mail Address 2890 Woodbridge Ave Bld	209 (MS-211)				
GENERATOR	City Edison	State NJ ZIP 08837 Phone (732) 900. 6918 AHn:				
9	Authorized Contact M. Colucki	Phone (732) 906. 6918				
	Emergency Contact Chris Lee (Capital)	Phone (78) 356-3135				
MOL	Customer Capital Environmental Services	Established Account? 🗵 Yes 🗆 No				
夏	Mailing Address 8229 Boone Blud, Sust 3/0					
NFORM	City, State, ZIP Viennu, VA 22182	FAX (703) 356-4198				
2	Technical Contact Mike Schubert	Phone (7%) 344-2286/740-344-2185fax				
릚	Accounting Contact Jerica Harrington	Phone (703) 356-3/35				
CON	IMON NAME OF WASTE: Acid Plating Sel	ids - Comp 16				
DESCRIPTION	diagrams, if available) U.5 EPA c/canypo	th generates the waste. (Include any flow or block of a former plating facility: drums for constitution of concern band on wids placed into drums for dispusal				
5						
	** CERCLA approved facilities on	(<u>*</u>				

IS A REPRESENTATIVE SAMPLE INCLUDED?

☐ Yes

M No

Q			☐ Powder/ Dust	A Siddan	rune) [Liquid
121	Color: black / green	/varies			
PHYSICAL CHARACTERISTICS	Phases/Layers:	□Single	Bi-Layered some	Multi-Layer	red
ARA	Odor:	X None	□ Mild	☐ Strong	
Ţ	Flash Point: 🗆 <73°F	. 🗆 74° - 99°F.	. 🗆 100° - 140°F.	□ 141° - 200°E	□ >200°F. 🔯 N.A.
SICA	pH Range: 図 <2	□ 2 • 3	□ 3·7	□ 7 - 12.5	□ >12.5 □ N.A.
H	Density: <pre>Color</pre>	□ 0.80 - 1.0	原 1.01 · 1.20 ed	□ 1.21 - 1.40	Exact:
2	acidic plating sulid	Usludge 4	0-95% 6	hromium	100-230cpin46
A DE	hydrochlorie acid	-		offer	4-6 %
CHEMICAL	hydrochloric acid sulfun's acid water			ckle	8-/2 %
38	water	THE RESIDENCE OF THE PERSON NAMED IN COLUMN 1		llom	1-10ppm %
0	dirt	10-	-20 % _21	16	100-3800pm %
NTITY AND ITAINMENT	SHIPPING MODE: BULK LIQUID BULK SOLID DRUMS ME OTHER/SPECIAL PACKAGING: HIGHWAY ME RAIL SHIPPING VOLUME: 4-6 SHIPPING FREQUENCY: PER WEEK MONTH OTHER: one fine				
450	SHIPPING FREQUENC	Y: PER WEEK	HT/OM []	OTHER:_	one time
,	US DOT - SHIPPING DI Proper Shipping Name:	ESCRIPTION RA, Woste	Corrosive Liqui	acidic, d, Inorganic , I	7.0.5.
SHIPPING ORMATION	US DOT - SHIPPING DI Proper Shipping Name:	ESCRIPTION RA, Woste	Corrosive Ligui acid, njekle) UN 33 Number	acidic, d, Inorganic , I	
,	US DOT - SHIPPING DI Proper Shipping Name:	ESCRIPTION RQ, Woste (Chydrochlosic (UN/NA	Corrosive Ligui acid, pickle)	acidic, d, Inorganic , I	7.0.5.
SHIPPING INFORMATION	US DOT - SHIPPING DI Proper Shipping Name: Hezard Class	ESCRIPTION RQ, Woste ((hydrochloric o UN/NA ISE GUIDE #_	Corrosive Ligui, acid, aickle) Number 154 Wes	acidic, d, Inorganic , I	7.0.5.
SHIPPING INFORMATION	US DOT - SHIPPING DI Proper Shipping Name: Hezard Class EMERGENCY RESPON	ESCRIPTION RQ, Worte (Chydrochloric (UN/NA UN/NA USE GUIDE # Tal Required and where?	Corrosive Ligui, acid, aickle) Number 154 Wes	acidic, d, inorganic , i 2 66 Packing C	7.0.5.
SHIPPING INFORMATION	US DOT - SHIPPING DI Proper Shipping Name: Hezard Class EMERGENCY RESPON 1. Certificate of Dispose If yes, send to who a	ESCRIPTION Ra, Worte (Chydrochloric of UN/NA UN/NA USE GUIDE # al Required and where?	Corrosive Liquitacid, nickle) Number 154 E Yes Capital of 6	acidic, d, inorganic, in 266 Packing C	7.0.5.
SHIPPING ORMATION	US DOT - SHIPPING DI Proper Shipping Name: Hezard Class EMERGENCY RESPON 1. Certificate of Dispose If yes, send to who as a send to who as a send to way a send if yes, certificate is respectively.	ESCRIPTION Ra, Worte (Chydrochloric of UN/NA INSE GUIDE # al Required and where? phed? hpt? equired	Corrosive Liquitacid, nickle) Number 4N 33 Number 154 Yes Capital of 6	acidic, d, Inorganic, 1 266 Packing C No Illing address No No	7.0.5.

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-- Based on RCRA Regulations (40CFR261) and Michigan Hazardous Waste Rules (Act 451)

QUESTION	YES	NO	WASTE CODE(\$) (If Applicable)
Is this a RCRA Hazardous Waste?	×		F008, F009, 0002
is the waste a Michigan Hazardous Waste (Act 451)?		×	
Does the waste leach TCLP Constituents above regulatory limits? (Identify all applicable waste codes)	×		0007
Does this waste contain total Mercury greater than 260 ppm?		×	
Does the waste exhibit ignitability? (attach results)		×	
Does the waste exhibit Corrosivity? (attach results)	×		0002
Does the waste contain reactive dyenide greater than 250 ppm?		×	
Does the waste contain reactive suifide greater than 600 ppm?		×	
Does the waste meet any F listing description?	>		F008, F009
Does the waste meet any K listing description?		×	
Does the waste meet any P listing description?		×	
Does the waste meet any U listing description?		×	·
Is this waste subject to Benzene NESHAP regulations? (>10 ppm, Benzene by weight)		×	
le this weste a <u>non-hazardous</u> liquid waste regulated under Michigan Act 451, Part 1217		٨	·
Does the waste contain PCB's greater than 49 ppm, or, is the waste derived from a source containing PCB's greater than 50 ppm?		*	,
Is waste generated as a result of UST activity, regulated under 40 CFR 280? (If yes, what was the contents of the tank?)		×	
Does this waste contain used oil? (if yes, Total Helogen Analysis is required - Halogen > 1,000 ppm requires 8260 SCAN)		*	`
. Is the waste exempt under CESQG regulation 40 CFR 251.5? (If yes, must submit CESQG Certification)		×	
. Is this waste regulated under:Subpart CC air emission standards (VOC ≥ 500 PPMW)? If yes, please submit any VOC analysis.		X	
. Does this waste contain metal fines/powders?		×	
Does this waste exhibit any radioactivity?		X	
. Is this waste pyrophoric, air reactive or explosive?		X	
	Is this a RCRA Hazardous Waste? Is the waste a Michigan Hazardous Waste (Act 451)? Does the waste leach TCLP Constituents above regulatory limits? (Identify all applicable waste codes) Does this waste contain total Mercury greater than 260 ppm? Does the waste exhibit fignitability? (attach results) Does the waste exhibit Corrosivity? (attach results) Does the waste contain reactive dyenide greater than 250 ppm? Does the waste contain reactive sulfide greater than 500 ppm? Does the waste meet any F listing description? Does the waste meet any F listing description? Does the waste meet any P listing description? Does the waste meet any U listing description? Is this waste subject to Benzene NESHAP regulations? (>10 ppm, Benzene by weight) Is this waste a non-hazardous liquid waste regulated under Michigan Act 451, Part 121? Does the waste contain PCB's greater than 49 ppm, or, is the waste derived from a source containing PCB's greater than 50 ppm? Is waste generated as a result of UST activity, regulated under 40 CFR 280? (If yee, what was the contents of the tank? Does this waste contain used oil? (If yee, Total Haiogen Analysis is required - Halogen > 1,000 ppm requires 8260 SCAN) Is the waste exempt under CESQG certification Is this waste regulated under: Subpart CC air emission standards (VOC ≥	Is this a RCRA Hazardous Waste? Is the waste a Michigan Hazardous Waste (Act 451)? Does the waste leach TCLP Constituents above regulatory limits? (Identify all applicable waste codes) Does this waste contain total Mercury greater than 260 ppm? Does the waste exhibit Ignitability? (attach results) Does the waste exhibit Corrosivity? (attach results) Does the waste contain reactive dyanide greater than 250 ppm? Does the waste contain reactive sulfide greater than 600 ppm? Does the waste meet any F listing description? Does the waste meet any E listing description? Does the waste meet any U listing description? Does the waste meet any U listing description? Is this waste subject to Senzene NESHAP regulations? (>10 ppm, Benzene by weight) Is this waste ontain PCB's greater than 49 ppm, or, is the waste derived from a source containing PCB's greater than 50 ppm? Is waste generated as a result of UST activity, regulated under 40 CFR 280? (If yee, what was the contents of the tank? Does this waste contain used oil? (If yee, Total Haiogen Analysis is required - Halogen > 1,000 ppm requires 8260 SCAN) Is this waste exempt under CESOG certification) Is this waste regulated under Subpart CC air emission standards (VOC ≥ 800 PPMW)? If yee, please submit any VOC analysis. Does this waste contain metal fines/powders? Does this waste contain metal fines/powders?	Is this a RCRA Hazardous Waste? Is the waste a Michigan Hazardous Waste (Act 451)? Does the waste leach TCLP Constituents above regulatory limits? (Identity all applicable waste codes) Does this waste contain total Mercury greater than 260 ppm? Does the waste exhibit (gnilability? (attach results) Cose the waste exhibit (gnilability? (attach results) Does the waste exhibit Corrosivity? (attach results) Cose the waste contain reactive dyenide greater than 250 ppm? Does the waste contain reactive sulfide greater than 250 ppm? Cose the waste meet any F listing description? Cose the waste meet any F listing description? Cose the waste meet any F listing description? Cose the waste meet any V listing description? Cose the waste subject to Senzene NESHAP regulations? (>10 pm, Bensene by weight) Is this waste subject to Senzene NESHAP regulations? (>10 pm, Bensene by weight) Is this waste contain PCB's greater than 49 ppm, or, is the waste derived from a source containing PCB's greater than 50 ppm? It waste generated as a result of UST activity, regulated under 40 CFR 280? (If yee, what was the contents of the tank? Cose this waste contain used oit? (If yee, Total Haiogen Analysis is required - Halogen > 1,000 ppm requires 8260 SCAN) Is the waste exempt under CESQG regulation 40 CFR 261.5? (If yee, must submit CESQG Certification) Lis this waste regulated under Subpart CC air emission standarde (VOC ≥ XOO PPMW)? If yee, please submit any VOC analysis. Does this waste contain metal tines/powders? Does this waste exhibit any redioactivity?

WASTE CHARACTERIZATION

** Based on either TCLP (attach results) or Generator knowledge indicate in the boxes the constituent for which the waste is hazardous.

D004	D004 Arad D005 Bari D006 Cad D007 Chris D009 Men D010 Sele D011 Silvi Botto Cop D028 Zinc Z HE ORI D018 Ben D019 Carl D022 Chic D028 1,2 D029 1,1 D038 Mei D039 Tetr D040 Tric D043 Ving Signed:	Arsenic Barium Cadmium Chromium Ladmium Ladmium Lad Jelenium Bilver Copper Linc DRGANICS Benzene Carbon Tetrachioride Chlorobenzene Chlorobenzene Li Dichloroethane Li Dichloroethylene Methyl Ethyl Ketone Tetracholorethylene Thichloroethylene Vinyl Chloride	5.0 100.0 1.0 5.0 5.0 0.2 1.0 6.0 100.0 600.0 mg/L 0.5 0.5 100.0 6.0 0.5 0.7 200.0 0.7 200.0 0.7		的风险口的包含图形 多数风险及风险风险风险风险。	D027 D030 D032 D033 D034 D036 D038 D023 D024 D026 D037 D041 D042 PESTI D020 D012 D031 D013 D014 D016 D016 D017	1,4 Dichlorobenzene 2,4 Dinitrotoluene Hexachlorobenzene Hexachlorobutadiene Hexachloroethana Nitrobenzene Pyridine M - Cresol O - Cresol P - Cresol P - Cresol Pentachlorophenol 2,4,5 - Trichlorophenol 2,4,6 - Trichlorophenol LICIDES Chlordane Endrin Heptachlor (& its Hydroxis Lindane Methonychlor Toxaphene BCIDES 2,4 D 2,4,5 TP (Silvex)	7.5 0.13 0.13 0.5 3.0 2.0 5.0 200.0 200.0 200.0 200.0 100.0 400.0 2.0 mg/L 0.03 0.02 de) 0.08 0.4 10.0 0.5		对位这种原则的现在分词 计可以对象的 化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基
DO05 Barium DO0.0	D005 Bari D006 Cad D007 Chri D008 Lead D009 Men D010 Sele D011 Silvi B012 Cop D022 Chi D023 1,2 D029 1,1 D038 Mei D039 Tetr D040 Tric D043 Ving Based upon "No" are no	Barium Cadmium Chromium Ladmium Ladmium Lad Mercury Belenium Bilver Copper Zinc DRGANICS Benzene Carbon Tetrachioride Chlorobenzene Chlorobenzene Li Dichloroethane Li Dichloroethylene Methyl Ethyl Ketone Tetracholorethylene Thichloroethylene Thichloroethylene Vinyl Chloride	100.0 1.0 5.0 5.0 0.2 1.0 6.0 100.0 600.0 mg/L 0.5 0.5 100.0 6.0 0.5 0.7 200.0 0.7 200.0 0.7		图图U图图图图》 2 成区区区区区区区区区区区区区区区区区区区区区区区区区区区区区区区区区区区	D030 D032 D033 D034 D036 D038 D024 D026 D026 D037 D041 D042 PEST D020 D012 D031 D013 D014 D016 D016 D017	2,4 Dinitrotoluene Hexachlorobenzene Hexachlorobutadiene Hexachloroethana Nitrobenzene Pyridine M - Cresol O - Cresol P - Cresol P - Cresol Pentachlorophenol 2,4,5 - Trichlorophenol 2,4,6 - Trichlorophenol Littles Chlordane Endrin Heptachlor (& its Hydroxid Lindane Methonychlor Toxaphene BCIDES 2,4 D 2,4,5 TP (Silvex)	0.13 0.13 0.5 3.0 2.0 5.0 200.0 200.0 200.0 200.0 100.0 400.0 2.0 mg/L 0.03 0.02 de) 0.08 0.4 10.0 0.5		以为这种的国际的 1 的复数对对对对对对对对对对对对对对对对对对对对对对对对对对对对对对对对对对对对
DO05 Cadmium	D006 Cad D007 Chris D008 Lead D009 Men D010 Sele D011 Silvi B01D Cop D02D Zinc Z HE ORI D018 Ben D019 Can D021 Chi D022 Chi D022 Chi D022 Chi D023 1,2 D029 1,1 D035 Mei D039 Tetr D040 Tho D043 Viny Based upor "No" are no	Cadmium Chromium Lead Mercury Selenium Silver Copper Zinc DRGANICS Senzene Carbon Tetrachioride Chlorobenzene Chlorobenzene Chlorotorm 1,2 Dichloroethylene Methyl Ethyl Ketone Tetracholorethylene Thichloroethylene Winyl Chloride pon my knowledge c	1.0 5.0 6.0 1.0 6.0 100.0 600.0 mg/L 0.5 0.5 100.0 6.0 0.5 0.7 200.0 0.7 200.0		第二四位的	D032 D033 D034 D036 D038 D023 D024 D026 D037 D041 D042 PESTI D020 D012 D031 D013 D014 D016 D016 D017	Hexachiorobenzene Hexachiorobutadiene Hexachiorobutadiene Hexachioroethana Nitrobenzene Pyridine M - Cresol O - Cresol P - Cresol TTL Cresol Pentachiorophenol 2,4,5 - Trichiorophenol 2,4,6 - Trichiorophenol lCIDES Chiordane Endrin Heptachior (& its Hydroxis Lindane Methoxychior Toxaphene BCIDES 2,4 D 2,4,5 TP (Silvex)	0.13 0.5 3.0 2.0 5.0 200.0 200.0 200.0 200.0 100.0 400.0 2.0 mg/L 0.03 0.02 de) 0.08 0.4 10.0 0.5		这种数据的现在分词 医电影 经现代的 经现代的 经现代的
DOOP Chromism DOOP Lead	D007 Chm D008 Lear D009 Men D010 Sele D011 Silve 8012 Cop 2028 Zinc Z HE OR: D018 Ben D019 Car D021 Chi D022 Chi D022 Chi D025 1,2 D029 1,1 D035 Mei D039 Tetr D040 Tho D043 Vinc Based upor "No" are no Print:	Chromium Lead Mercury Selenium Silver Copper Zinc DRGANICS Benzene Carbon Tetrachioride Chlorobenzene Chlorotorm 1,2 Dichloroethane 1,1 Dichloroethylene Methyl Ethyl Ketone Tetracholorethylene Thichloroethylene Vinyl Chloride	5.0 5.0 0.2 1.0 6.0 100.0 600.0 mg/L 0.5 0.5 100.0 6.0 0.5 0.7 200.0 0.7 200.0 0.7		2000年 1000年	D033 D034 D036 D038 D023 D024 D026 D037 D041 D042 PESTI D020 D012 D031 D013 D014 D016 D016 D017	Hexachlorobutadiene Hexachloroethana Nitrobenzene Pyridine M - Cresol O - Cresol P - Cresol Pentachlorophenol 2,4,5 - Trichlorophenol 2,4,6 - Trichlorophenol LICIDES Chlordane Endrin Heptachlor (& its Hydroxis Lindane Methoxychlor Toxaphene BCIDES 2,4 D 2,4,5 TP (Silvex)	0.5 3.0 2.0 5.0 200.0 200.0 200.0 200.0 100.0 400.0 2.0 mg/L 0.03 0.02 de) 0.08 0.4 10.0 0.5		数国内区域区域的国际 医自然性区域区域区域区域区域区域区域区域区域区域区域区域区域区域区域区域区域区域区域
DOOP Chromism DOOP Lead	DOOB Lear DOOP Men DOOP Men DOOP Men DOOP Sele DOOP Sele DOOP Sele DOOP Cop DOOP Zinc Z HE ORG DOOP Car DOOP Car DOOP Car DOOP Car DOOP The Signed:	Jead Mercury Selenium Selver Copper Zinc CRGANICS Benzene Carbon Tetrachioride Chlorobenzene Chlorotorm 1,2 Dichloroethane 1,1 Dichloroethylene Methyl Ethyl Ketone Tetracholorethylene Thichloroethylene Vinyl Chloride	5.0 0.2 1.0 6.0 100.0 600.0 mg/L 0.5 0.5 100.0 6.0 0.5 0.7 200.0 0.7 0.5 0.2		20 20 20 20 20 20 20 20 20 20 20 20 20 2	D034 D036 D038 D023 D024 D026 D026 D037 D041 D042 PESTI D020 D012 D031 D013 D014 D016 D016 D017	Hexachloroethane Nitrobenzene Pyridine M - Cresol O - Cresol P - Cresol TTL Cresol Pentachlorophenol 2,4,5 - Trichlorophenol 2,4,6 - Trichlorophenol lCIDES Chlordane Endrin Heptachlor (& its Hydroxis Lindane Methoxychlor Toxaphene BCIDES 2,4 D 2,4,5 TP (Silvex)	3.0 2.0 5.0 200.0 200.0 200.0 100.0 400.0 2.0 mg/L 0.03 0.02 de) 0.008 0.4 10.0 0.5		数国内区域区域的国际 医自然性区域区域区域区域区域区域区域区域区域区域区域区域区域区域区域区域区域区域区域
Doose Mercury Selenium 1.0	DOUGH Men DO10 Sele DO11 Silve Ben DO19 Carl D018 Ben D019 Carl D021 Chic D022 Chic D022 Chic D025 1,2 D029 1,1 D035 Mei D039 Terr D040 The D043 Vin Signed:	Mercury Selenium Silver Copper Zinc DRGANICS Benzene Carbon Tetrachioride Chlorobenzene Chlorotorm 1,2 Dichloroethane 1,1 Dichloroethylene Methyl Ethyl Ketone Tetracholorethylene Thichloroethylene Vinyl Chloride	0.2 1.0 5.0 100.0 500.0 mg/L 0.5 0.5 100.0 6.0 0.5 0.7 200.0 0.7 0.5 0.2		金田の日本・金田の女の女の女の女の女の女の女の女の女の女の女の女の女の女の女の女の女の女の女	D036 D038 D023 D024 D026 D026 D037 D041 D042 PESTI D020 D012 D031 D013 D014 D016 D016 D017	Nitrobenzene Pyridine M - Cresol O - Cresol P - Cresol TTL Cresol Pentachlorophenol 2,4,5 - Trichlorophenol 2,4,6 - Trichlorophenol ICIDES Chlordane Endrin Heptachlor (& its Hydroxis Lindane Methoxychlor Toxaphene BCIDES 2,4 D 2,4,5 TP (Silvex)	2.0 5.0 200.0 200.0 200.0 100.0 400.0 2.0 mg/L 0.03 0.02 de) 0.008 0.4 10.0 0.5		医过程性 化多级多级多级 医多数多数多数
DO09 Mercury 0.2 Br O038 Pyridine 5.0 Br O010 Selenium 1.0 Br O038 Pyridine 5.0 Br O010 Selenium 1.0 Br O032 M - Creaco 200.0 Br O032 Creaco 200.0 Br O033 Creaco 200.0 Br O034 Creaco 200.0 Br O035 Creaco	DO10 Sele DOII Silve DOII Silve DO15 Cop DO35 Zinc Z ME ORG DO18 Ben DO19 Car DO21 Chi DO22 Chi DO25 1,2 DO29 1,1 DO35 Mei DO39 Tenr DO40 This DO43 Vim Based upon "No" are no Print:	Selenium Silver Copper Zinc DRGANICS Senzene Carbon Tetrachicride Chlorobenzene Chlorotorm 1,2 Dichloroethane 1,1 Dichloroethylene Methyl Ethyl Ketone Tetracholorethylene Trichloroethylene Vinyl Chloride	1.0 5.0 100.0 600.0 mg/L 0.5 0.5 100.0 6.0 0.5 0.7 200.0 0.7 0.5 0.2		2000 区域设备区域区域区域区域区域区域区域区域区域区域区域区域区域区域区域区域区域区域	D038 D023 D024 D026 D037 D041 D042 PEST! D020 D012 D031 D013 D014 D016 HERE D016 D017	Pyridine M - Cresol O - Cresol P - Cresol TTL Cresol Pentachlorophenol 2,4,5 - Trichlorophenol 2,4,6 - Trichlorophenol ICIDES Chlordane Endrin Heptachlor (& its Hydroxis Lindane Methoxychlor Toxaphene BCIDES 2,4 D 2,4,5 TP (Silvex)	5.0 200.0 200.0 200.0 200.0 100.0 400.0 2.0 mg/L 0.03 0.02 de) 0.008 0.4 10.0 0.5		过过过过过过过过 200000000000000000000000000000
DOIL Selenium 1.0	DOII Silvi OCTO Cop DOS Zinc DOIS Ben DOIS Carl DOS 1,2 DOS Mei DOS Terr DO40 This DO43 Vin DO43 Vin Signed:	Bilver Copper Zinc DRGANICS Benzene Carbon Tetrachicride Chlorobenzene Chloroform 1,2 Dichloroethane 1,1 Dichloroethylene Methyl Ethyl Ketone Tetracholorethylene Trichloroethylene Vinyl Chloride	5.0 100.0 500.0 mg/L 0.5 0.5 100.0 6.0 0.5 0.7 200.0 0.7 0.5 0.2		多口以 P. 放应及及及及及应应。	D023 D024 D026 D026 D037 D041 D042 PEST! D020 D012 D031 D013 D014 D016 D016 D017	M - Cresol 0 - Cresol P - Cresol P - Cresol TTL Cresol Pentachlorophenol 2,4,5 - Trichlorophenol 2,4,6 - Trichlorophenol ICIDES Chlordane Endrin Heptachlor (& its Hydroxid Lindane Methoxychlor Toxaphene BCIDES 2,4 D 2,4,5 TP (Silvex)	200.0 200.0 200.0 200.0 100.0 400.0 2.0 mg/L 0.03 0.02 de) 0.008 0.4 10.0 0.5		文章 (1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Settic Copper 100.0 Sr D024 0 - Crescol 200.0 Settic Copper 100.0 Sr D026 P - Crescol 200.0 Settic Copper 100.0 Sr D026 P - Crescol 200.0 Settic Copper 100.0 Sr D026 P - Crescol 200.0 Settic Copper 100.0 Settic Copper 100.0	DOTO Cop OGAS Zinc Z HE ORI DO18 Ben D019 Can D021 Chic D022 Chic D028 1,2 D029 1,1 D038 Mei D039 Ten D040 Tric D043 Vin Based upon Print:	Copper Zinc CRGANICS Benzene Carbon Tetrachicride Chlorobenzene Chlorotorm 1,2 Dichloroethane 1,1 Dichloroethylene Methyl Ethyl Ketone Tetracholorethylene Trichloroethylene Vinyl Chloride	100.0 500.0 mg/L 0.5 100.0 6.0 0.5 0.7 200.0 0.7 0.5 0.2		口以 多数反对数反对数因数因	D024 D026 D026 D037 D041 D042 PEST D020 D012 D031 D013 D014 D016 HERE D016 D017	0 - Cresol P - Cresol TTL Cresol Pentachlorophenol 2,4,5 - Trichlorophenol 2,4,6 - Trichlorophenol ICIDES Chlordane Endrin Heptachlor (& its Hydroxid Lindane Methoxychlor Toxaphene BCIDES 2,4 D 2,4,5 TP (Silvex)	200.0 200.0 200.0 100.0 400.0 2.0 mg/L 0.03 0.02 de) 0.008 0.4 10.0 0.5		以 分 以 分 的 的 的 的 的 的 的 的 的 的 的 的 的
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Z ME ORGANICS mg/L Yes No D037 Pentachlorophenol 100.0 \$ D018 Senzene	Z HE ORIO DO18 Ben DO19 Carl D021 Chic D022 Chic D026 1,2 D029 1,1 D035 Med D039 Terr D040 This D043 Vin D043 Vin D043 Vin Print:	DRGANICS Benzene Carbon Tetrachioride Chlorobenzene Chlorotorm 1,2 Dichloroethane 1,1 Dichloroethylene Methyl Ethyl Ketone Tetracholorethylene Thichloroethylene Vinyl Chloride	mg/L 0.5 0.5 100.0 6.0 0.5 0.7 200.0 0.7 0.5 0.2		2000000000000000000000000000000000000	D026 D037 D041 D042 PEST! D020 D012 D031 D013 D014 D016 HERE D016 D017	Pentachlorophenol 2,4,5 - Trichlorophenol 2,4,6 - Trichlorophenol 2,4,6 - Trichlorophenol ICIDES Chlordane Endrin Heptachlor (& its Hydroxis Lindane Methoxychlor Toxaphene BCIDES 2,4 D 2,4,5 TP (Silvex)	200.0 100.0 400.0 2.0 mg/L 0.03 0.02 de) 0.008 0.4 10.0 0.5	0000 Yes 000000 Yes 0	以外的过 光母四四四四点 光母
THE ORGANICS mg/L Yes No D037 Pentathorophenol 100.0	Z HE ORIO DO18 Ben DO19 Carl D021 Chic D022 Chic D026 1,2 D029 1,1 D035 Med D039 Terr D040 This D043 Vin D043 Vin D043 Vin Print:	DRGANICS Benzene Carbon Tetrachioride Chlorobenzene Chlorotorm 1,2 Dichloroethane 1,1 Dichloroethylene Methyl Ethyl Ketone Tetracholorethylene Thichloroethylene Vinyl Chloride	0.5 0.5 100.0 6.0 0.5 0.7 200.0 0.7 0.5 0.2		政众为及及及为政众	D037 D041 D042 PEST! D020 D012 D031 D014 D016 HERE D016 D017	Pentachlorophenol 2,4,5 - Trichlorophenol 2,4,6 - Trichlorophenol ICIDES Chlordane Endrin Heptachlor (& its Hydroxis Lindane Methoxychlor Toxaphene BCIDES 2,4 D 2,4,5 TP (Silvex)	100.0 400.0 2.0 mg/L 0.03 0.02 de) 0.008 0.4 10.0 0.5	000 Yes 000000 Yes	经过过 人名西西西西西西 水量
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D018 Senzene D019 Carbon Tetrachloride D020 Chlorobenzene D021 Chlorobenzene D022 Chlorobenzene D022 Chlorobenzene D023 D024 2,4,6 - Trichlorophenol D024 Chlorobenzene D025 1,2 Dichloroethylene D026 1,2 Dichloroethylene D027 D029 1,1 Dichloroethylene D028 D029 1,1 Dichloroethylene D029 1,1 Dichloroethylene D035 Methyl Ethyl Ketone D030 Chlordane D031 Heptachlor (& its Hydroxide) D035 Tetrachlolrethylene D040 Thichloroethylene D050 D050 Tetrachlorethylene D060 D050 Heptachlor (& its Hydroxide) D060 D050 Heptachl	D018 Ben D019 Car D021 Chic D022 Chic D028 1,2 D029 1,1 D035 Med D039 Terr D040 This D043 Viny	Benzene Carbon Tetrachioride Chlorobenzene Chlorotorm 1,2 Dichloroethane 1,1 Dichloroethylene Methyl Ethyl Ketone Tetracholorethylene Thichloroethylene Vinyl Chloride pon my knowledge of	0.5 100.0 6.0 0.5 0.7 200.0 0.7 0.5 0.2		公司の政立の政立の政立の政立の政立の政立の政立の政立の政立の政立の政立の政立の政立の	D042 PEST: D020 D012 D031 D013 D014 D016 HERE D016 D017	2,4,6 - Trichlorophenol ICIDES Chlordane Endrin Heptachlor (& its Hydroxid Lindane Methoxychlor Toxaphene BICIDES 2,4 D 2,4,5 TP (Silvex)	2.0 mg/L 0.03 0.02 de) 0.008 0.4 10.0 0.5 mg/L	D Yes D D D D D D Yes	20 00 00 00 00 00 00 00 00 00 00 00 00 0
D019 Carbon Tetrachloride D021 Chlorobenzene 100.0	D019 Car D021 Chic D022 Chic D028 1,2 D029 1,1 D035 Mei D039 Terr D040 Thic D043 Viny	Carbon Tetrachioride Chlorobenzene Chlorotorm 1,2 Dichloroethane 1,1 Dichloroethylene Methyl Ethyl Ketone Tetracholorethylene Thichloroethylene Vinyl Chloride pon my knowledge of	0.5 100.0 6.0 0.5 0.7 200.0 0.7 0.5 0.2		公司の政立の政立の政立の政立の政立の政立の政立の政立の政立の政立の政立の政立の政立の	PESTI D020 D012 D031 D013 D014 D016 HERE D016 D017	ICIDES Chlordane Endrin Heptachlor (& its Hydroxid Lindane Methoxychlor Toxaphene BICIDES 2,4 D 2,4,5 TP (Silvex)	mg/L 0.03 0.02 de) 0.008 0.4 10.0 0.5 mg/L	Yes	NG 四色 B B B B B B B B B B B B B B B B B B
D021 Chlorobenzene D022 Chlorotorm 6.0	D021 Chic D022 Chic D028 1,2 D029 1,1 D035 Mei D039 Tehr D040 The D043 Ving Based upon "No" are no Print:	Chlorobenzene Chlorotorm 1,2 Dichloroethane 1,1 Dichloroethylene Methyl Ethyl Ketone Tetracholorethylene Thichloroethylene Vinyl Chloride pon my knowledge of	100.0 6:0 0.5 0.7 200.0 0.7 0.5 0.2		这 及 及 及 及 及 及 及 及 及 及 及 及 及 及 及 及 及 及 及	D020 D012 D031 D013 D014 D016 HERE D016 D017	Chlordane Endrin Heptachlor (& its Hydroxii Lindane Methoxychlor Toxaphene BCIDE\$ 2,4 D 2,4,5 TP (Silvex)	0.03 0.02 de) 0.008 0.4 10.0 0.5 mg/L 10.0		多数数数数数 % % % % % % % % % % % % % % % % %
D022 Chlorotorm 6.0	D022 Chic D028 1,2 D029 1,1 D035 Mei D039 Terr D040 The D043 Ving Based upon "No" are no Print:	Chloroform 1,2 Dichloroethane 1,1 Dichloroethylene Methyl Ethyl Ketone Tetracholorethylene Thichloroethylene Vinyl Chloride pon my knowledge of	6.0 0.5 0.7 200.0 0.7 0.5 0.2		这 及 及 及 及 及 及 及 及 及 及 及 及 及 及 及 及 及 及 及	D020 D012 D031 D013 D014 D016 HERE D016 D017	Chlordane Endrin Heptachlor (& its Hydroxii Lindane Methoxychlor Toxaphene BCIDE\$ 2,4 D 2,4,5 TP (Silvex)	0.03 0.02 de) 0.008 0.4 10.0 0.5 mg/L 10.0		多数数数数数 % % % % % % % % % % % % % % % % %
D028 1,2 Dichloroethane 0.5	D028 1,2 D029 1,1 D035 Mel D039 Tetr D040 This D043 Vin Based upon "No" are no	1,2 Dichloroethane 1,1 Dichloroethylene Methyl Ethyl Ketone Tetracholorethylene Thichloroethylene Vinyl Chloride pon my knowledge of	0.5 0.7 200.0 0.7 0.5 0.2	and th	及交叉区域区区	D012 D031 D013 D014 D016 HERE D016 D017	Endrin Heptschlor (& its Hydroxis Lindane Methoxychlor Toxaphene BCIDES 2,4 D 2,4,6 TP (Silvex)	0.02 de) 0.008 0.4 10.0 0.5 mg/L 10.0		超色图图 20 20 20 20 20 20 20 20 20 20 20 20 20
D029 1.1 Dichloroethylene 0.7	D029 1,1 D038 Mei D039 Tetr D040 Tho D043 Vin Based upon 'No' are no	1,1 Dichloroethylene Methyl Ethyl Ketone Tetracholorethylene Trichloroethylene Vinyl Chloride pon my knowledge o	0.7 200.0 0.7 0.5 0.2	and th	公司の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の	D012 D031 D013 D014 D016 HERE D016 D017	Endrin Heptschlor (& its Hydroxis Lindane Methoxychlor Toxaphene BCIDES 2,4 D 2,4,6 TP (Silvex)	de) 0.008 0.4 10.0 0.5 mg/L 10.0		包包包包 NO
Doss Methyl Ethyl Ketone 200.0	D035 Mei D039 Tetr D040 Tric D043 Viny Based upon 'No" are no Print: M	Methyl Ethyl Ketone Tetracholorethylene Thichloroethylene Vinyl Chloride pon my knowledge of not present in the vi	200.0 0.7 0.5 0.2 of the waste	and th		D031 D013 D014 D016 HERE D016 D017	Heptschlor (& its Hydroxii Lindane Methoxychlor Toxaphene BCIDES 2,4 D 2,4,6 TP (Silvex)	10.0 0.5 mg/L 10.0	Yes	日日の公
Dosp Tetracholorethylene 0.7 R Do13 Lindane 0.4 Do20	DOS9 Tetr DO40 Tric DO43 Ving Based upon 'No' are no Print: MA	Tetracholorethylene Thichioroethylene Vinyl Chloride pon my knowledge of not present in the vi	0.7 0.5 0.2 of the waste	and th	反 区 区	D013 D014 D016 HERE D016 D017	Lindane Methoxychlor Toxaphene BCIDES 2,4 D 2,4,5 TP (Silvex)	10.0 0.5 mg/L 10.0	Yes	四次
Do45 Thichlorosthylene Do45 Vinyl Chloride Do5	Based upon the Print: M.	Trichlorosthylene Vinyl Chloride pon my knowledge of not present in the vi	0.5 0.2 of the waste	and th		D014 D016 HERE D016 D017	Methorychlor Toxaphene BCIDES 2,4 D 2,4,5 TP (Silvex)	0.5 mg/L 10.0	Yes	No.
Do43 Vinyl Chloride 0.2 Do16 Toxaphene HERBICIDES Do16 2,4 D Do17 2,4,5 TP (Silvex) 1.0 D Based upon my knowledge of the waste and the process generating the waste, these constituents manifold are not present in the waste above hazardous classification levels. Print: Musear F. Source Title: Date: 4/28/9? On behalf of the generator I certify that all information contained in this profile, including attack information, is complete and factual and is an accurate representation of the known and suspecting and waste generator regulations, pertaining to the waste decarbed herein; and I am accurate and duly authorized representative of the Generator. Generator sgrees to indemnify employee and duly authorized representative of the Generator. Generator size is billities, dama	Based upon the first serious of the first serious o	pon my knowledge o	0.2	and th	Z Pro	DO16 DO16 DO17	Toxaphene BCIDES 2,4 D 2,4,5 TP (Silvex)	mg/L 10.0	Yes	No
HERBICIDES Do16 2,4 D Do17 2,4,5 TP (Silvex) Based upon my knowledge of the waste and the process generating the waste, these constituents maniformation in the waste above hazardous classification levels. Print: Michael F. Soleck Title: Date: U28/9? On behalf of the generator I certify that all information contained in this profile, including attactinformation, is complete and factual and is an accurate representation of the known and suspectinformation, and waste generator regulations, pertaining to the waste described herein; and i am hazards, and waste generator regulations, pertaining to the waste described herein; and i amplioyee and duly authorized representative of the Generator. Generator agrees to indemnify employee and duly authorized representative of the Generator. Generator agrees to indemnify employee and duly authorized representative of the Generator.	Based upon "No" are no Print: MA Signed:	pon my knowledge o	of the waste	and th	a pro	HERE D016 D017	BCIDES 2,4 D 2,4,6 TP (Silvex)	10.0		8
Based upon my knowledge of the waste and the process generating the waste, these constituents manifold are not present in the waste above hazardous classification levels. Print: Millian F. Soleti Title: 4/28/9? On behalf of the generator I certify that all information contained in this profile, including attaction information, is complete and factual and is an accurate representation of the known and suspect information, and waste generator regulations, pertaining to the waste described herein; and I am amployee and duly authorized representative of the Generator. Generator agrees to indemnify a manifold and in the complete and factured and its an accurate representation.	'No" are no Print: <u>//</u> Signed: _	not cresent in the W	HARIE BIDOVE	and th	e pro	D016 D017	2.4 D 2.4.5 TP (Silvex)	10.0		8
Based upon my knowledge of the waste and the process generating the waste, these constituents manifely are not present in the waste above hazardous classification levels. Print: Musica F. Soccal Title: 4/28/9? On behalf of the generator I certify that all information contained in this profile, including attacting information, is complete and factual and is an accurate representation of the known and suspecting the same duly authorized representative of the Generator. Generator agrees to indemnify employee and duly authorized representative of the Generator.	"No" are no Print: <u>//</u> Signed:	not cresent in the W	HARIE BIDOVE	and th	e pro	D016 D017	2.4 D 2.4.5 TP (Silvex)			
Based upon my knowledge of the waste and the process generating the waste, these constituents manifold are not present in the waste above hazardous classification levels. Print: Mana F. Sout Cl. Title: USA 99 On behalf of the generator I certify that all information contained in this profile, including attackinformation, is complete and factual and is an accurate representation of the known and suspecting the state of the generator regulations, pertaining to the waste described herein; and I am amployee and duly authorized representative of the Generator. Generator agrees to indemnify amployee and duly authorized representative of the Generator.	"No" are no Print: <u>//</u> Signed:	not cresent in the W	HARIE BIDOVE	and th	ia pro	D017	2,4,5 TP (Silvex)	1.0		
Based upon my knowledge of the waste and the process generating the waste, these constituents manifold are not present in the waste above hezardous classification levels. Print: Millian F. Soletic Title: Generator Signed: 1/28/9? On behalf of the generator I certify that all information contained in this profile, including attackinformation, is complete and factual and is an accurate representation of the known and suspectinformation, and waste generator regulations, pertaining to the waste described herein; and I am hazards, and waste generator regulations, pertaining to the waste described herein; and I am employee and duly authorized representative of the Generator. Generator sgrees to indemnify a single of the generator squees to indemnify and single of the generator squees to inde	"No" are no Print: <u>//</u> Signed: _	not cresent in the W	HARIE BIDOVE	and th	e pro	cess q				
On behalf of the generator I certify that all information contained in this profile, including attack information, is complete and factual and is an accurate representation of the known and suspect information, is complete and factual and is an accurate representation of the known and suspect information, and is an information agrees to indemnify amployee and duly authorized representative of the Generator. Generator agrees to indemnify amployee and duly authorized representative of the Generator.		De L		119201		Ciedanii	Catou sam.			
On behalf of the generator I certify that all information contained in this profile, including attack information, is complete and factual and is an accurate representation of the known and suspect information, is complete and factual and is an accurate representation of the known and suspect information, and is an information agrees to indemnify amployee and duly authorized representative of the Generator. Generator agrees to indemnify amployee and duly authorized representative of the Generator.		De L	SCE CC!			i ine				
On behalf of the generator I certify that all information contained in this profile, including attack information, is complete and factual and is an accurate representation of the known and suspect information, is complete and factual and is an accurate representation of the known and suspect information, and is an information agrees to indemnify amployee and duly authorized representative of the Generator. Generator agrees to indemnify amployee and duly authorized representative of the Generator.						Date	4/23/98			
On behalf of the generator I certify that all information contained in this profile, including attact information, is complete and factual and is an accurate representation of the known and suspect hazards, and waste generator regulations, pertaining to the waste described herein; and I am hazards, and duly authorized representative of the Generator. Generator agrees to indemnify amployee and duly authorized representative of the Generator.		June 10				Daie				•
	informatio hazerds, a employee	aif of the generator tion, is complete ar i, and waste gener ee and duly authori	r I certify the nd factual a ator regula ized repres	at all i ind is : tions, entati	informan ac perti	mation curate sining the Go	contained in this profit representation of the l to the waste described enerator. Generator ag	d herein; rees to inc	and i demni se. da:	a
	Print /U	in chaor to	222				11 - 120			
Print: Pocicitator Fr South	(111170 parameter	Ulucha				Date	e: <u>4/28/99</u>			
Print: Michael F. Socsch Title: 05e Signed: Lucka Date: 4/28/99	Signed:	y authorize CITY M			أفصيص	on pers	annal in add suppleme	Intel Intorr	HEUDIN:	
Signed: Lucida. Signed: Lucida. "I hereby authorize CITY Management Corporation personnel to add supplemental information to waste approval file provided I am contacted to give verbal permission. I authorize CITY Manager Corporation personnel to obtain a sample from any waste shipment for purposes of verification confirmation." Signed:	"I hereby of waste app Corporation	ation personner to t	pbtain a sar	mpie f	rom	any wa	iste shipment for purpo	ses of ve	rificati	on i

CITY ENVIRONMENTAL, INC. SURCHARGE EXEMPTION CERTIFICATION

	US EPA Region II-Meadowlands Plating Site
Address:	890 Patterson Plank Road, East Rutherford, NJ 07073
EPA ID#:	
Approval #:	
	fication is pursuant to Section 324.11108(4) of Michigan's Natural
Resources a	and Environmental Protection Act, 1994 PA 451 (Act 451).
WASTI	E TYPE:
WAST	E DESCRIPTION: Acid Plating Solids-Comp 16
	TITY AND UNITS: 4-6 drums
	FEST NUMBER:
The follow	ing hazardous waste is exempt from the fees provided for in this
section:	in in its in the interest in t
section:	
	Ash that results from the incineration of hazardous waste or the
· 	
	incineration of solid waste as defined in part 115.
	Hazardous waste exempted by rule because of its character or the
	treatment it has received.
<u> x</u>	
	contamination that is included in a list submitted to the
	legislature pursuant to section 20105, or hazardous waste that is
	removed as part of a site cleanup activity at the expense of the
	state or federal government.
	Solidified hazardous waste produced by a solidification facility
	licensed pursuant to section 11123 and destined for land disposal.
	Tremper barbaut to presson TTTE and appeared for form
	Hazardous waste generated pursuant to a 1-time closure or site
	cleanup activity in this state if the closure or cleanup activity
	has been authorized in writing by the department. Hazardous waste
	resulting form the cleanup of inadvertent releases which occur after
	March 30, 19998 is not exempt from the fee.
	Primary and secondary wastewater treatment solids from a wastewater
	treatment plant that includes an aggressive biological treatment
	facility as defined in section 3005(j)(12)(B) of subtitle C of the
	solid waste disposal act, 42 U.S.C. 6925.
	Emission control dust or sludge from the primary production of steel
	in electric furnaces.
41	28/29 Suction
	Signature
	SEPA MICHPOR F. SOLOCKI
сощра	ny Name Printed Name

City Environmental, Inc. SUBPART CC CERTIFICATION

Generator Name:	US EPA Region II-Mead	owlands Plating Site
Profile Number:		Acid Plating Solidi-Comple
		Heid Flating sollar compile
I,Name	, On-Site Coordi	nator, a duly authorized
		do hereby certify that the
and accurate, and does not cont	d further represent an	renced profile is complete d certify that this waste Compounds (VOC's) in otal).
generating this l		y knowledge and/or process s account for any seasonal VOC concentrations.
Suchus		4/28/88
Signature of Autl	norized Representative	Date
MacHAER F.	Solecti	
Printed Name of A	Authorized Representati	ve

Upstate Laboratories, Inc. Analysis Results Resort Number: 07899113

Sampled by: Client

APPROVAL:___

Lab I.D.: 10170

29076/MEADOWLANDS

PLATING COMPOSITE 16 1600H 03/18/99 C

		PLATING COMPOSITE 16 1	600m 03/18/99 c	:	
Ü.	I I.D. 1 07899115	Watrix. Solid		- -	
. Pa	RAMETERS	results	DATE ANAL.		
•:-	······································		DATE ANAL.	KEY	FILRS
	Hexavelent Chromium	<0.27mg/kg dw			
	Percent solids	65%	03/19/99		WC5288
Total	Aluminum		03/24/99		WC5336
Total	Antimony	2600mg/kg dw	03/26/99		ME2030
Total	Arsenic by furnace method	<230mg/kg dw	03/26/99		X8203C
Total	Barium	21.0mg/kg dw	03/26/99		ME203C
Total	Beryllium	<230mg/kg dw	03/26/99		MX203C
Total	Cadmitum	<4.0mg/kg dar	03/26/99		ME203C
Total	Calcium	28mg/kg dw	03/26/99		XXX 3030
Total	Chromium	450mg/kg dw	03/29/99		ME3035
Total	Cobale	#2300mg/kg dw	09/26/99		MB2030
Total	Copper	430mg/kg dw	03/26/99		ME2030
Total	Izen	₩63,000mg/kg dw	03/26/9 <i>9</i>		ME2030
Total	Lead	K62,000mg/kg dw	03/26/98		MX203C
Total		590mg/kg dw	03/26/99		ME203C
Total	Magnesium	430mg/kg dw	03/29/99		ME2032
Total	Manganese	300mg/kg dw	03/26/99		M22030
Total	Mercury	_<0.4mg/kg dw	04/01/99		MB0885
Total	Nickel	¥110,000mg/kg dw	03/26/99		ME2030
Total	Potessium	<400mg/kg dw	03/29/99'.		ME2032
	Selenium by furnace method	15mg/kg dv	03/26/99		ME2030
Total	Bilver	79mg/kg dw	03/26799		XX2030
Total	Scdium	1700mg/kg dw	03/25/99		ME2032
Total	Thallium by furnace method	10mg/kg dw	03/26/99		ME2030
Total	Vanadium	<230mg/kg dw	03/26/99		ME2030
Total	Zinc	3800mg/kg dw	03/26/99		ME2030

dw = Dry weight

Upstate Laboratories, Inc. Analymis Results Report Number: 07899113

Sampled by: Client

APPROVAL:_____ QC: 10170

29076/MEADONLANDS

PLATING COMPOSITE 16 1600E 03/18/95 C

	FLATING COMPOSITE 16	1600E 03/18/95 C
ULI I.D.: 07899114	Matrix: Liquid	
PARAMETERS	regults	DATE AMAL. REV. FILE
Mitrate-Nitrogen Chloride	<26mg/kg 4700mg/kg	Q3/19/99 WQ5295 Q3/23/99 WQ5322
Corrosivity	<2:. 0 <i>5\tau</i>	03/23/99 Wd5311
Flash Point Sulfate Specific Gravity	>60degC 1500mg/kg 1.3	03/30/99 WC5403 03/25/99 WC5345

Upstate Laboratories, Inc. Analysis Results Report Ember: 07899113

Sampled by: Client

+

APPROVAL:

20: Lab T.D.: 10170

29076/MEADOWLANDS

PLATING COMPOSITE 03/18/99 C

ULT I.D.: 07899116 Katrix: Liqui

Parameters	resolas	D146 3375		
7.5 4.6 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	*PPO/ILE	date anal.	KET	FILES
TCLP Arsenic TCLP Berium TCLP Cadmium TCLP Chromium TCLP Copper TCLP Lead TCLP Mercury TCLP Selenium TCLP Silver TCLP Zinc	0.38mg/1 <1.5mg/1 0.64mg/1 60mg/1 ** 1150mg/1 1.2mg/1 <0.0004mg/1 0.56mg/1 0.27mg/1 110mg/1	03/26/99 03/26/99 03/26/99 03/26/99 03/26/99 03/26/99 01/26/99 03/26/99 03/26/99		2022 03 1 2022 03 1

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GENERATOR WASTE PROFILE

IS A REPRESENTATIVE SAMPLE INCLUDED?



City Environmental, Inc. (313) 923-9680 (313) 923-3375 (FAX)

ATRACS No.:	ATRACS No.: _
Sales Rep: CZ	Sales Rep:

Submit typed or legibly printed profile with analytical and a one (1) quart representative sample.

E/13

CITY ENVIRONMENTAL, INC. 1923 Frederick Street • Detroit, M! 48211

) MID 980	
	Wastewater Treatment	Chemical Fixation/Stabilization
	Generator Name US EPA Region II	US EPA ID No. NJD 002 405 736
ğ	Plant Name Meadowlands Plating Site	State ID No. Same
INFORMATION	Sile Address 890 Patterson Plank Road	FAX ()
S S	City East Rutherford State NJ	County ZIP
	Mail Address 2890 Woodbridge Ave Bla	10209 (MS-211)
SENERATOR	City <u>Edison</u>	State NJ ZIP 08837 Phone (432) 906.6918 AHn:
9	Authorized Contact M. Solecki	
	Emergency Contact Chris Lee (Capital)	Phone (78) 356-3135
ğ	Customer Capital Environmental Services	Established Account?
3	Mailing Address 8229 Boone Blud, Su, #310	If Yes, Account No.
WFORMATION	City, State, ZIP Viennu, VA 22182	FAX (703) 356-4198
	Technical Contact Mike Schubert	Phone (7%) 344-3286/740-344-3185fax
BELLING	Accounting Contact Jerica Harrington	Phone (703) 356-3/35
COA	MON NAME OF WASTE: Acid Liquids-	Comp 13
ESCHIPTION	diagrams, if available) US EPA Cleanup	ch generates the waste. (Include any flow or block of a former plating facility; dreas for constituents of concern band on yours placed into drums for disposal
DESC	** CERCLA approved facilities on	14

☐ Yes

1 No

92	Physical state at 70°F:	□\$olid □	Powder/ Dust	Sludge	及Liquid					
ISIK	Color: black green	/varies								
PHYSICAL CHARACTERISTICS	Phases/Layers:	প্রSingle ই	BI-Layered (some)	□Multi-Layere	ed					
AR A	Odar:	None □	Mild	□ Strong						
5	Flash Point: □ <73°F.	□ 74° - 99°F.	□ 100° - 140°F. □	141° - 200°F.	□ >200°F. © N.A.					
Sic	pH Range: 🚨 <2	□ 2·3	□ 3·7 □	7 - 12.5	□ >12.5 □ N.A.					
E	Density:	0.80 - 1.0	〒1.01 - 1.20 □ むす	1.21 - 1.40	Exact:					
`										
3	hydrochlune acid				100-1100 pp.m					
CHEMICAL	ntre acid	5-1) 1-5			400-500/100					
2 2	Cadmium	1-6,			75-90 %					
8	chromium	10 - 4	•		0-5 %					
QUANTITY AND CONTAINMENT		HIGHWAY 🗷 5-10	PACKAGING:							
SHI PPI NG INFORMATION	US DOT - SHIPPING DESCRIPTION Proper Shipping Name: RQ, Warte Correstive Liquid, ocidic, inorganic, 11.0.5 Chidrochloric acid, nickle) Hezard Class UN/NA Number EMERGENCY RESPONSE GUIDE # 154									
1										
		الكباك فالبقاء فينها إدران المبدار أوجاد واستحج								
ITS	Certificate of Dispositives, send to who a	al Required and where?	Yes D	No						
EMENTS	Certificate of Dispositives, send to who a 2. Are loads to be weighted.	nd where?	Compital at bill							
L REQUIREMENTS	If yes, send to who a	nd where? hed? opt?	Capital at bill	my address						
SPECIAL REQUIREMENTS	2. Are loads to be weig 3. Hazardous Tax exem	hed? pt? equired ired?	Capital at billi	No No						

Based on RCRA Regulations (40CFR261) and Michigan Hazardous Waste Rules (Act 451)

	QUESTION	YES	NO	WASTE CODE(S) (If Applicable)
1.	is this a RCRA Hazardous Waste?	×		0002, 0006, 0007
2.	is the waste a Michigan Hazardous Waste (Act 451)?		×	
3.	Does the waste leach TCLP Constituents above regulatory limits? (Identify all applicable waste codes)	*		0006, 0007
4.	Does this waste contain total Mercury greater than 260 ppm?		×	
5.	Does the waste exhibit ignitability? (attach results)		×	
6.	Does the waste exhibit Corrosivity? (attach results)	×		000 2
7.	Does the waste contain reactive cyanide greater than 250 ppm?		×	
8.	Does the waste contain reactive sulfide greater than 500 ppm?		×	
9.	Does the waste meet any # listing description?		×	
10.	Does the waste meet any K listing description?		×	
11.	Does the waste meet any P listing description?		×	
12.	Does the waste meet any U listing description?		×	
13.	is this waste subject to Benzene NESHAP regulations? (>10 ppm, Benzene by weight)		×	
14.	is this waste a <u>non-hazardous</u> liquid waste regulated under Michigan Act 451, Part 1217		*	
16.	Does the waste contain PCB's greater than 49 ppm, or, is the waste derived from a source containing PCB's greater than 50 ppm?		×	
16.	Is waste generated as a result of UST activity, regulated under 40 CFR: 280? (If yee, what was the contents of the tank?)		×	
17.	Does this waste contain used oil? (If yes, Total Halogen Analysis is required - Halogen > 1,000 ppm requires 8260 SCAN)		*	
18.	is the waste exempt under CESQG regulation 40 CFR 281.5? (If yea, must submit CESQG Certification)		×	
19	is this waste regulated under:Subpart CC air emission standards (VOC ≥ 500 PPMW)? If yes, please submit any VOC analysis.		X	
20	Does this waste contain metal fines/powders?		×	
21	. Does this waste exhibit any radioactivity?		×	
22	. Is this waste pyrophoric, air reactive or explosive?		X	

WASTE CHARACTERIZAT

Based on either TCLP (attach results) or Generator knowledge indicate in the boxes the constitution for which the waste is hazardous.

D005 Barium 100.0 □ 20030 2,4 Dinitrotoliusne 0.13 □ 5005 D007 Chromium 1.0 \$ □ D003 Hexachloroberazene 0.13 □ 5000 Cadmium 1.0 \$ □ D003 Hexachloroberazene 0.15 □ 5000 Cadmium 1.0 \$ □ D003 Hexachloroberazene 1.0 □ 5000 Cadmium 1.0 \$ □ D003 Hexachloroberazene 1.0 □ 5000 Cadmium 1.0 1.0	METAL		mg/L	Yes	No	BASE DO27	NEUTRAL EXTRACT	mg/L 7.5	Yes	NO
DOIL Selevium DOIL Silver Copper 100.0 SE D023 M - Cresol 200.0 Selevium DO26 Corpor 100.0 SE D026 P - Cresol 200.0 Selevium D027 Chloroselevium D028 Carbon Tetrachloride D029 Selevium D020 Chloroselevium D020 Selevium Selevium D020 Selevium S			5.0			-	2 4 Dinitrotoluane			
DOIL Selevium DOIL Silver Copper 100.0 SE D023 M - Cresol 200.0 Selevium DO26 Corpor 100.0 SE D026 P - Cresol 200.0 Selevium D027 Chloroselevium D028 Carbon Tetrachloride D029 Selevium D020 Chloroselevium D020 Selevium Selevium D020 Selevium S						DOTO	Hexachiprobenzane	0.13		
DOIL Selevium DOIL Silver Copper 100.0 SE D023 M - Cresol 200.0 Selevium DO26 Corpor 100.0 SE D026 P - Cresol 200.0 Selevium D027 Chloroselevium D028 Carbon Tetrachloride D029 Selevium D020 Chloroselevium D020 Selevium Selevium D020 Selevium S										(2
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Z ME ORGANICS mg/L Yes No D037 Pentachlorophenol 100.0		=				0023				
Z ME ORGANICS mg/L Yes No D037 Pentachlorophenol 100.0										Z
Z ME ORGANICS mg/L Yes No D037 Pentachlorophenol 100.0	9080	Zinc	500.0		124					5
Z ME ORGANICS			_		••					A
D018 Senzene D019 Carbon Tetrachloride D021 Chlorobenzene 100.0 D022 Chlorobenzene 100.0 D023 Chloroberm 6.0 D029 D020 Chloroberm 6.0 D029 D020 Chloroberm 0.5 D020 Chloroberm 0.00 D021 Endrin D029 1,1 Dichloroethylene 0.7 D029 D020 Chlordane 0.00 D029 1,1 Dichloroethylene 0.7 D029 Tetracholorethylene 0.7 D031 Heptachlor (& its Hydroxide) D039 Tetracholorethylene 0.7 D031 Heptachlor (& its Hydroxide) D040 Thichloroethylene 0.7 D050 D013 Lindane 10.0 D040 Thichloroethylene 0.5 D014 Methoxychlor 10.0 D040 Vinyl Chloride D040 D017 2,4,5 TP (Silvex) 10.0 D017 2,4,5 TP (Silvex) Title: Signed: D040 D040 Fire generator I certify that all information contained in this profile, including attactinformation, is complete and factual and is an accurate representation of the known and suspentage, and waste generator regulations, pertaining to the waste described herein; and information contained to the known and suspentages, and waste generator regulations, pertaining to the waste described herein; and information contained to the known and suspentagents, and waste generator regulations, pertaining to the waste described herein; and information contained to the waste described herein; and information co		ORGANICS	_			UU3/	o 4 S Trichicophenoi			2
D019 Carbon Tetrachloride D021 Chlorobenzene 100.0	D018	Senzene	-			D041	2,4,8 · [fichioropherio	-		2
D022 Chloroform 6.0	D019	Carbon Tetrachioride	0.5			D042	2,4,8 - Inchiorophenoi	5.0	_	-
D022 Chlorotorm Both Pesticides Dolorotorm Dolorotorm Dolorotorm Dolorotorm Dolorotorm Dolorotorm Dolorotorothylene Dolorotorotorotorothylene D		Chlorobenzene	100.0					mal	Yes	N
D026 1,2 Dichloroethane D029 1,1 Dichloroethylene D039 1 Metholoroethylene D039 1 Metholoroethylene D040 1 Methorychlor D050 1			6.0							2
D029 1,1 Dichloroethylene 0.7			0.5							į
Doss Methyl Ethyl Ketone Doss Tetracholorethylene Do4			0.7				Endrin			Ì
Dosposation of the generator I certify that all information contained in this profile, including attaching the waste generator of the known and suspensions, and waste generator regulations, pertaining to the waste described herein; and I are hazards, and waste generator regulations, pertaining to the waste described herein; and I are hazards, and waste generator regulations, pertaining to the waste described herein; and I are hazards, and waste generator regulations, pertaining to the waste described herein; and I are hazards, and waste generator regulations, pertaining to the waste described herein; and I are hazards, and waste generator regulations, pertaining to the waste described herein; and I are hazards, and waste generator regulations, pertaining to the waste described herein; and I are hazards, and waste generator regulations, pertaining to the waste described herein; and I are hazards.			200.0		8	-		0.000	<u> </u>	
Do40 Trichlorosthylene Do43 Vinyl Chloride Do5 D E Do16 Toxaphene Do5 D E Do16 Toxaphene Harbicides Harbicides Marbicides Marbicide							Lindane		7	Č
HERBICIDES Do16 2.4 D Do17 2.4.6 TP (Silvex) Based upon my knowledge of the waste and the process generating the waste, these constituents maintenance in the waste above hexardous classification levels. Print: Western F. Soccol Title:			0.5							j
HERBICIDES Do16 2.4 D Do17 2.4.5 TP (Silvex) Based upon my knowledge of the waste and the process generating the waste, these constituents mainton's are not present in the waste above hazardous classification levels. Print: Muster F. Souck Title: Signed: Junta Date: 4/28/99 On behalf of the generator I certify that all information contained in this profile, including attaction is complete and factual and is an accurate representation of the known and suspendent and waste generator regulations, pertaining to the waste described herein; and I ambazards, and waste generator regulations, pertaining to the waste described information in the suspendent and waste generator regulations, pertaining to the waste described herein; and I ambazards, and waste generator regulations, pertaining to the waste described herein; and I ambazards, and waste generator regulations, pertaining to the waste described herein; and I ambazards.			0.2		区	D015	Toxaphene	0.5		_
Based upon my knowledge of the waste and the process generating the waste, these constituents mainton's are not present in the waste above hazardous classification levels. Print: Worker F. Source Titie:									Van	N
Based upon my knowledge of the waste and the process generating the waste, these constituents mainton are not present in the waste above hazardous classification levels. Print: Muster F. South Title: Waste Print: Waste Print										ï
Based upon my knowledge of the waste and the process generating the waste, these constituents mainton are not present in the waste above hazardous classification levels. Print: Musker F. South Title: Select Date: 4/28/99 On behalf of the generator certify that all information contained in this profile, including attaching to the generator and suspendent in the complete and factual and is an accurate representation of the known and suspendents, and waste generator regulations, pertaining to the waste described herein; and I am hazards, and waste generator regulations, pertaining to the waste described herein; and I am hazards, and waste generator regulations, pertaining to the waste described herein; and I am hazards, and waste generator regulations, pertaining to the waste described herein; and I am hazards, and waste generator regulations, pertaining to the waste described herein;						D016	2.4 D			Ī
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	'No" a	e not present in the wa	ste above	Nezai	QQUŞ	D017	enerating the waste, these		<u> </u>	n
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employee and duly authorized representative of the Generator. Generator agains, liabilities, damped City Management Corporation and subsidiaries harmless for any claims, liabilities, damped City Management Corporation and subsidiaries harmless for any claims, liabilities, damped control of the control of	"No" ar Print: _ Signed On bei inform hazard emplo	haif of the generator I stion, is complete and is, and waste generator is each duly authorized.	certify the lactual appropriate to regular	at all ind is tions, entati	informan ac	D017 cass g classif Title Date mation curate sining the Ge	enerating the waste, these lication levels. :	includiown and acrein; as to includite	ing att	nai tac poi an ify
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Print: Muchaer F. Societ Signed: Line Land Date: 4/28/99 "I hereby authorize CITY Management Corporation personnel to add supplemental information to authorize CITY Management.	"I here waste Constitution	haif of the generator I haif of the generator I haif of the generator I haif on the generator I haif on the generator is, and waste generator and duly authorized including, but not above certification by Management Corporation by Management Corporation personnel to obtain the provided including provided including personnel to obtain the personnel the personnel to obtain the personnel to obtain the personnel to o	certify the section is am contitud a section is a section in the generation in the generation is an contitud a section is an contitud a section is an contitud a section is an a section in	at all ind is tions, entations, attoriorator.	informan ac pertive of absidement's	Doi? cess 9 classif Title Date mation curate sining the Gelleries s fees, Title Date on per- ve veri any wa	enerating the waste, these lication levels. Contained in this profile, representation of the known to the waste described in the enerator. Generator agree harmless for any claims, arising out of or in any with the enerator and the enerator agree harmless for any claims, arising out of or in any with the enerator and the enerator and the enerator and the energy with the energy of the	includi bwn an herein; les to in liabilitie by relat	ing att d sustand I demnies, da ed to i	tac para ify ma bre

Upstate Laboratories, Inc. Analysis Results Report Number, 07598015

sampled by: Client

APPROVAL: CC: Lab T.D.: 10170

MEADONLANDS PLATING COMPOSITE 13 1545H 03/15/99 C

7.5. T.D. : 07899019

Matria Idquid

27	Aranotters		results	DATE ANAL.		TILES
•			0000040	PARA ARRAY.	Key	
	plt .		<2.080	03/17/99		WC5243
	Mitrate-Mitrogan	1100	S2mg/kg	09/17/99		WC53g7
	Chloride		1900mg/kg	03/23/99		WC5233
	Sulfate		170mg/kg	03/16/99		WC5269
	Specific Gravity		1.1	03/34/99		458331
	Total Suspended Solids		320mg/kg	03/18/99		WC5252
Total	Alvainum auriavil		450mg/kg	03/26/99		MR3080
Total	Anti-pury		<6.0mg/kg	63/26/99		202 030
Total	Arsenic by furnace method		2.2mg/kg	03/24/99		102020
Total	Barium		<6.0mg/kg	03/26/99		102010
Total	Beryllium		0.14mg/kg	03/26/99		302333
Total	Cadmium		5.2mg/kg	03/25/59		M2 53 g
Total	Calcium		100mg/kg	03/29/99		302 032
Total	Cprocian		430mg/kg	03/26/99		10:2030
Total	Cobalt		26mg/leg	03/26/99		ME2035
Total	Copper		1100mg/kg	03/26/99		MB2030
Total	Zron		4800mg/kg	03/26/99		XX21020
Total	Lond		0.42mg/kg	03/26/99		MB1038
Total	Magnesius		32pg/kg	03/29/98		ME2012
Total	Mangapese		49mg/kg	03/26/99		ME2030
Total	Kereury		0.005mg/kg	03/30/99	:	M0871
Total	Mickel		6400mg/kg	03/26/99		######################################
Total	Potassium		37mg/kg	03/29/59		M22012
Total	Solenium by furnace method		1. Ing/kg	03/26/99		3 6 2030
Total	611ver		<1.0mg/kg	03/26/99		7 40 10 30 10 10
Total	Sodium		3500mg/kg	03/29/99		222032
fotal	Thallium by furnace method		<0.06mg/kg	03/26/99		303030
Total	Vanadium		<6.0mg/kg	03/26/99		302030
Total	Biac		470mg/kg	03/26/99		1022010
TCLP	Arsenia		1.2mg/1	03/26/99		ME2010
TCLP	Berium		<0.6mg/1	03/26/99		3022030
TCLE	Cadmium		2.7mg/1	03/26/59		2032 050
TCL	Chromius	•	200mg/1	03/26/99		ME2030
TCLP	Cobbex		490mg/1	03/26/99		102 030
TCLF	Load		0.17mg/l	03/26/\$\$		1C2010
TCL	Mercury		<0.0004mg/l	03/30/89		3030871
TCLP	Solanium		0.53mg/1	03/26/99		MES030
TCLP	Silver		0.29mg/1	03/26/99		1CE2010
TCLP	Zine		210mg/1	03/26/99		ME2030

CITY ENVIRONMENTAL, INC. SURCHARGE EXEMPTION CERTIFICATION

	US EPA Region II-Meadowlands Plating Site 890 Patterson Plank Road, East Rutherford, NJ 07073
	fication is pursuant to Section 324.11108(4) of Michigan's Natural and Environmental Protection Act, 1994 PA 451 (Act 451).
WASTE	TYPE:D002, D006, D007
WASTE	DESCRIPTION: Acid Liquids-Comp 13
	TITY AND UNITS: 8-10 drums
MANIF	EST NUMBER:
The follows section:	ing hazardous waste is exempt from the fees provided for in this
	Ash that results from the incineration of hazardous waste or the incineration of solid waste as defined in part 115.
	Hazardous waste exempted by rule because of its character or the treatment it has received.
<u>x</u>	Hazardous waste that is removed from a site of environmental contamination that is included in a list submitted to the legislature pursuant to section 20105, or <u>hazardous waste that is removed as part of a site cleanup activity at the expense of the state or federal government</u> .
	Solidified hazardous waste produced by a solidification facility licensed pursuant to section 11123 and destined for land disposal.
	Hazardous waste generated pursuant to a 1-time closure or site cleanup activity in this state if the closure or cleanup activity has been authorized in writing by the department. Hazardous waste resulting form the cleanup of inadvertent releases which occur after March 30, 19998 is not exempt from the fee.
_	Primary and secondary wastewater treatment solids from a wastewater treatment plant that includes an aggressive biological treatment facility as defined in section 3005(j)(12)(B) of subtitle C of the solid waste disposal act, 42 U.S.C. 6925.
	Emission control dust or sludge from the primary production of steel in electric furnaces.
41	28/99 Buha
Date	Signature Number F. Souscki
Compar	ny Name Printed Name

City Environmental, Inc. SUBPART CC CERTIFICATION

Generator Name: <u>US EPA</u>	Region II-Meadowlands Plating Site
Profile Number:	
	Acid Liquidi-Comp 13
I,	On-Site Coordinator, a duly authorized
	Title Region II , do hereby certify that the Company
and accurate, and further	the above referenced profile is complete represent and certify that this waste atile Organic Compounds (VOC's) in an 500 ppmw (total).
generating this hazardous	e based upon my knowledge and/or process waste and does account for any seasonal at may effect VOC concentrations.
Hulun	4/28/99
Signature of Authorized R	epresentative Date
Mulhor F. Soweki	
Printed Name of Authorize	d Representative

GENERATOR WASTE PROFILE



City Environmental, Inc. (313) 923-9060 (313) 923-9375 (FAX)

ATRACS No.:	
Sales Rep: CZ	

Submit typed or legibly printed profile with analytical and a one (1) quart representative sample.

CITY ENVIRONMENTAL, INC.

1 48211

) 12	1923 Frederick Street • Detroit, M MID 980-991-565
11'	El Manager Tenness M. Chemical Fi

	☐ Wastewater Treatment	Chemical Fixation/Stabilization -or recycle
	Generator Name US EPA Region II	US EPA ID No. NJD 002 405 736
Š	Plant Name Meadowlands Plating Site	State ID No. Same
Z Z	Sile Address 890 Patterson Plank Road	FAX ()
Ž.	City East Rutherford State NJ	County ZIP ZIP ZIP
5	Mail Address 2890 Wouldbridge Ave Bld	209 (MS-211)
ER	City Edison	State NJ ZIP 08837 Phone (#32) 900. 6918 ##:
9	Authorized Contact M. Golecki	Phone (132) 906. 6918
ł	Emergency Contact Chris Lee (Cyital)	Phone (74) 356-3135
ğ	Customer Capital Environmental Services	Established Account? 19 Yes 1 No
M	Mailing Address 8229 Boone Blud, Su, #310	If Yes, Account No.
Š	City, State. ZIP Viennu, VA 22182	FAX (703) 356-4198
2	Technical Contact Mike Schubert	Phone (740) 344-3286/740-344-2185 fax
3	Accounting Contact Jerica Harrington	Phone (703) 356-3/35
COA	MMON NAME OF WASTE: Dil/water - Co.	np 12
	Provide a detailed description of the process which	ch generates the waste. (Include any flow or block
	diagrams it svallable) U.S EPA C/Canyo	of a former plating tacility; circus
z	has called no-site and then analyzed	for canstituents or concern con.
ERATION PTION	haz cat results vats of plana lis	wids placed into drums required
PTION	Rinsing of equipment/oil tanks/lefton	r product (virgin maichais)

WASTE GENERATION DESCRIPTION

IS A REPRESENTATIVE SAMPLE INCLUDED?

☐ Yes

1 No

ņ	Physical state at	70°F: □	Solid	□ Powder/	Dust	X	Sludge	ELiqui	đ
STK	Color: black	Igreen /	varies						
PHYSICAL CHARACTERISTICS	Phases/Layers:	8	Single	⊠Bi-Laye	ed Gan) 🗆 🗚	Aulti-Laye	red	
ARA	Odor:	×	None	CMIId		==	Strong		
5	Flash Point:	<73°F.	74° - 99°F	□ 100° ·	140°F.	14 1	° - 200°F.	□ >200°F.	SZ N.A.
SIC	pH Range: 🛘	<2	2 - 3	D 3 · 7	J	又7.	12.5	 >12.5	□ N.A.
돭	Density:	<0.80	0.80 - 1,0	日 1.01	1.20	1,21	- 1.40	Exact:	
ţ				E31					
. 3	rinsewater			99 %					%
CHEMICAL	diesel fuel					<u> </u>			% %
E SE	dict			<u>-10</u> %					%
ပ်ဦ				%					%
8 F	SHIPPING MOD		LK LIQUID		LK SOLIC		DRUM	s 🖫	
QUANTITY AND CONTAINMENT	SHIPPING VOLU	HIC 	HER/SPECI SHWAY Z 9-/2 PER WEEK	RAIL				one fime	
·									
DN NOT	US DOT - SHIPP Proper Shipping	PING DESC	Non RO	RA, Nor	OUT	egulu	ted Mut	terial	·
SHI PPI NG FORMATION		NIA			-//A			NIA	
E C	Hezard Class — EMERGENCY R		UN/NA	Number ~//			Packing (Group	: :
	EMERGENCY	ESPONSE	: GOIDE # _						
ПS	Certificate of if yes, send to			W Yes		□ No	address		
IEMEN	2. Are loads to	be weighe	d?	O Yes	í	8 No			
	i								
L REOU	3. Hazardous Ta if yes, certific with each ma	ate is requ		☐ Ye:	,	X No			
SPECIAL REQUIREMENTS	If ves. certific	ate is requ Inifest. Ser require	iired d?	j⊠ Ye:	·	⊒ No	L		

Based on RCRA Regulations (40CFR261) and Michigan Hazardous Waste Rules (Act 451)

				
	QUESTION	YES	NO	WASTE CODE(S) (If Applicable)
1.	is this a RCRA Hazardous Waste?		×	
2.	is the waste a Michigan Hazardous Waste (Act 451)?		×	
3.	Does the weste leach TCLP Constituents above regulatory limits? (Identify all applicable waste codes)		X	
4.	Does this waste contain total Mercury greater than 260 ppm?		×	
5.	Does the waste exhibit Ignitability? (attach results)		×	
6.	Does the waste exhibit Corrosivity? (attach results)		×	
7.	Does the waste centain reactive cyanide greater than 250 ppm?		×	
8.	Does the waste contain reactive sulfide greater than 500 ppm?		×	
9.	Does the waste meet any F tisting description?		×	
10.	Does the waste meet any K listing description?		×	
11.	Does the waste meet any P listing description?		×	
12,	Does the waste meet any U listing description?		×	
13.	is this waste subject to Benzene NESHAP regulations? (>10 ppm, Benzene by weight)		×	
14.	ls this waste a <u>non-hazardous</u> liquid waste regulated under Michigan Act 481, Part 121?	> -		0296
15.	Does the waste contain PCB's greater than 49 ppm, or, is the waste derived from a source containing PCB's greater than 50 ppm?		×	,
16	Is waste generated as a result of UST activity, regulated under 40 CFR 280? (If yee, what was the contents of the tank?)		×	
1.7	Does this weste contain used oil? (if yes, Total Halogen Analysis is required - Halogen > 1,000 ppm requires 8260 SCAN)		×	`
18	. Is the waste exempt under CESQG regulation 40 CFR 261.5? (If yes, must submit CESQG Certification)		×	
19	. Is this waste regulated under:Subpart CC air emission standards (VOC ≥ 500 PPMW)? If yes, please submit any VOC analysis.		X	
20	. Does this waste contain metal fines/powders?		×	
21	. Does this waste exhibit any redicactivity?		X	
22	. Is this waste pyrophoric, air reactive or explosive?		×	

WASTE CHARACTERIZATION

Based on either TCLP (attach results) or Generator knowledge indicate in the boxes the constituent for which the waste is hazardous.

METALS			Yes	No	RASE	NEUTRAL EXTRACT	mg/L	Yes	No
D004 Ar	senic	mg/i. 5.0			D027	1.4 Dichlorobenzene	7.5		R
	arium	100.0	ă		D030	2,4 Dinitrotoluene	0.13		N
	sdmium	1.0	ō	8	D032	Hexachiorobenzene	0.13	0	\approx
1	hro miu m	5.0		23	D033	Hexachlorobutadiene	0.5	0	NA PAR
Done la	ad	5.0	ō	12	D034	Hexachioroethane	3.0	מ	M
	ercury	0.2			D036	Nitrobenzene	2.0	00	
D010 S4	elenium:	1.0		X	D038	Pyridine	5.0 200.0	0	S.
DOIL SI	iver	5.0		_	D023	M - Cresol	200.0	ם	8
	opper	100.0		Q	D024	0 - Cresol	200.0		3
	nc	500.0		Q	D026	P - Cresol	200.0	0	SE LE
:1					D026	TTL Cresol	100.0		R
ZHE O	rganics	mg/L	Yes	No		Pentachiorophenol	400.0	5	8
	enzene	0.5		区	D041	2,4,5 - Trichlorophenoi	2.0	5	麦
D019 C	arbon Tetrachioride	0.5	0		D042	2,4,6 - Trichlorophenol	2.0		_
D021 C	hlorobenzene	100.0		8			mg/L	Yes	No
D022 C	hloroform	6.0		区		ICID ES	0.03		B
D028 1	2 Dichloroethane	0.5		区	D020	Chlordane	0.03	ō	8
D029 1.	1 Dichloroethylene	0.7		足	D012	Endrin		Ö	2
D035 M	lethyl Ethyl Ketone	200,0		B		Heptachlor (& its Hydroxide)	0.4	ŏ	· 🔁
	stracholorathylene	0.7		R	••-	Lindane	10.0	ច	<u>-</u>
D040 Tr	Hohiorosthylene	0.5		8	D014	Methoxychlor	0.5	. 📅	क्य प्रे
	Invi Chioride	0.2		N	D016	Toxaphene	0.0	_	_
							mg/L	Yes	No
1						HCIDES	10.0		8
1					D016	2,4 D	1.0	ō	13
1					D017	2,4,5 TP (Silvex)	1.0		. –
				-		these these	ronstiti.	ien is fi	narked
"No" are i	not present in the waste	above	nezan	0005	CIERRAIN	enerating the waste, these dication levels.	constitu	jen t s n	narked
"No" are i	not present in the waste	above	nezan	0005	CIERRAIN	enerating the waste, these dication levels.	constitu	en t s n	narked
"No" are i	not present in the waste	above	nezan	0005	CIERRAIN	enerating the waste, these dication levels 030	constitu	vents f	narked
"No" are in Print:	Auchier F. Sous	above <u> </u>	nezan		Title Date	. <u>030</u> 4/28/99			,
on behalinformati hazards, employe hold CIT and cost	of present in the waste AICHACT F. Social If of the generator I certion, is complete and tell, and waste generator Y Management Corporate including, but not lim	rtity the ctual arregulation and ited to	at all ind is a lions, entath, attor	nforman ac perture of the control of	Title Date mation curate sining the Geleries	contained in this profile, representation of the known to the waste described harmless for any claims, arising out of or in any we	includ own an erein; es to in liabiliti by relat	ing at od sus and I demn es, ds led to	tached pacted and ify and mages breach
on behalinformati hazards, employe hold CiT and cost	of present in the waste AICHACT F. Social If of the generator I certion, is complete and tell, and waste generator Y Management Corporate including, but not lim	rtity the ctual arregulation and ited to	at all ind is a lions, entath, attor	nforman ac perture of the control of	Title Date mation curate sining the Geleries	contained in this profile, representation of the known to the waste described harmless for any claims, arising out of or in any we	includ own an erein; es to in liabiliti by relat	ing at od sus and I demn es, ds led to	tached pacted and ify and mages breach
on behalinformati hazards, employe hold CIT and cost	of present in the waste AICHACT F. Social If of the generator I certion, is complete and tell, and waste generator Y Management Corporate including, but not lim	rtity the ctual arregulation and ited to	at all ind is a lions, entath, attor	nforman ac perture of the control of	Title Date mation curate sining the Geleries	contained in this profile, representation of the known to the waste described harmless for any claims, arising out of or in any we	includ own an erein; es to in liabiliti by relat	ing at od sus and I demn es, ds led to	tached pacted and ify and mages breach
Print:	if of the generator I certificate and fer and duly authorized by Management Corports including, but not limpove certification by the language of the language	rtify the ctual arregulat representation and the general control contr	at all ind is a lone, potation attor.	nforman ac perture of ibsid	Title Date mation scurate sining the Gelleries fees, Title	contained in this profile, representation of the known to the waste described to the waste described the merator. Generator agree harmless for any claims, larising out of or in any waste described to the wa	includ own an herein; he to in hiabiliti ay relat	ing at d sus and i demn es, ds led to	tached pacted am ar ify and mage breact
Print:	if of the generator I certified in a complete and terminate of the generator I certified in and waste generator is including, but not limited including, but not limited including in the sort certification by the sort certification by the sort certification in the sort certifica	rtify the ctual arregulation and ted to be generated to be gen	at all ind is a lone, entational surface. Corpacted in pier for the surface of t	nforman ac perture of the identification of	Title Date mation scurate sining the Ge laries fees, Title Date on pere ve vert any wa	contained in this profile, representation of the known to the waste described in this profile, representation of the known to the waste described in the master. Generator agree harmless for any claims, larising out of or in any waste shipment for purpose aste shipment for purpose	includ own an ierein; is to in iiabliiti by relat	ing atted suspending and indemness, dated to matter matter Mana	tached pacted am ar ify and maged breack
Print:	if of the generator I certification, is complete and fer and duly authorized by Management Corporate including, but not limpove certification by the Lucker Lucker F. Social Soroval file provided I authorized CITY Management to obtain atton."	rtify the ctual arregulation and ted to be generated to be gen	at all ind is a lone, entational surface. Corpacted in pier for the surface of t	nforman ac perture of the identification of	Title Date mation scurate sining the Ge laries fees, Title Date on pere ve vert any wa	contained in this profile, representation of the known to the waste described in this profile, representation of the known to the waste described in the master. Generator agree harmless for any claims, larising out of or in any waste shipment for purpose aste shipment for purpose	includ own an ierein; is to in iiabliiti by relat	ing atted suspending and indemness, dated to matter matter Mana	tached pacted am ar ify and maged breack

DATE

Upstate Laboratories, Inc. Analysis Results Report Number: 07599013

Sampled by: Client

APPROVAL: QC: Eab I.D.; 10170

MEADOWLANDS PLATING COMPOSITE 12 1100H 03/15/99 C

51.	Ŧ.6.	T 62	ă o ă o	T

Mitter Liquid "

RESULTS DATE ANAL. KNY VI	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5268
910/15 4800920/15 02/24/88 WG	5825
Flack Point >50degd 03/25/99 WG	3350
TCLP Areenia 0.032mg/1 03/26/89 12	2030
TCLP Earium <0.6mg/1 03/26/59 103 TCLP Cadmium	2030
01940872 03724789	2930
2,3mg/1 63/26/99 10	2010
\$0mg/1 03/26/90 kg	2020
O. 408/4 03/80/99 ME	2030
2010002371 03/30/39 NE	6671
0.010ag/1 03/26/99 ME	2010
<0.10m2\1 03\29\33 WE	2030
TCLF Zing 1.4mg/1 03/26/99 Mrz	2030

GENERATOR WASTE PROFILE



City Environmental, Inc. (313) 923-0060 (313) 923-9375 (FAX)

ATRACS No.	:	
Salan Dan	CZ	

C 12

Submit typed or legibly printed profile with analytical and a one (1) quart representative sample.

CITY ENVIRONMENTAL, INC.
1923 Frederick Street • Detroit, MI 48211

Generator Name US EPA Region II US EPA ID No. NJD 002 405 734 Plant Name Meadewholds Plating Site State ID No. Seme Site Address 370 Patterson Plank Road FAX () City East Rutherford State NJ County ZIP 07073 Mail Address 2390 Waathridge Ave Bldg 209 (ms-211) City Edison State NJ ZIP 08837 Authorized Contact M 2016(14 Phone (132) 96 6 9 8 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•	MAD 980-	991-566
Plant Name Meadow lands Plating Site State ID No. 39MC Site Address 370 Petiterson Plank Road FAX () City East Rutherford State NJ County ZIP 07073 Mail Address 2390 Wood bridge Ave Bldg 209 (MS-211) City Eduon State NJ ZIP 08837 Authorized Contact M. Solicia Phone (132) 906.6 978*: Emergency Contact Chris Lee (Cyribi) Phone (132) 356-3135 Customer Capital Environmental Service Established Account? Yes No Mailing Address 8229 Boone Blod, Su, 16310 City, State. ZIP Vienna, VA 22182 FAX (703) 356-4198 Technical Contact Mike Schulpert Phone (710) 344-2286 (740-344-2185 fax Accounting Contact Jerice Harrington Phone (703) 356-3135 COMMON NAME OF WASTE: Caustic Plating Liquids - Comp 31 Provide a detailed description of the process which generates the waste. (Include any flow or block diagrams, if available) U.S. SIM Cleanup of a former plating facility; drans her after and then analyzed for contact into drawn for diagrams. By the contact and then analyzed for contact hand of concern bard on the 2016 for contact hand for concern bard on the 2016 for contact hand for contact hand for contact hand for contact hand for co	-	Wastewater Treatment	
Site Address 390 Petterson Plank Road City East Rutherford State NJ County ZIP 07073 Mail Address 390 Would bridge Ave Bldg 209 (MS-211) City Edison State NJ ZIP 08837 Authorized Contact M Bolich Phone (132) 906 6 918. Emergency Contact Chris Lee (Cg; fol) Phone (78) 356-3135 Customer Capital Environmental Service Established Account? Yes 100 Mailing Address 8229 Boone Blod, Suit 830 City, State. ZIP Vienna, NA 22182 Technical Contact Mike Schubert Phone (710) 344-2256 (740-344-2187 fax Accounting Contact Jerice Harrington Phone (703) 356-3135 COMMON NAME OF WASTE: Caustic Pictury Liquids - Comp 34 Provide a detailed description of the process which generates the waste. (Include any flow or block diagrams, if available) US SIM Cleanup of a former plating facility; drans her after and then analyzed for caustic hard on the diagrams. If available of the grad of		Generator Name US EPA Region II	US EPA ID No. NJD 002 405 434
Site Address 370 Patterson Plack Road City East Rutherford State NJ County ZIP 07073 Mail Address 3390 Waxtbridge Ave Bldg 209 (ms-211) City Edvon State NJ ZIP 08837 Authorized Contact M. Soll Clu Phone (132) 906.6 9(8) Emergency Contact Chris Lee (Cg; fol) Phone (133) 356-3135 Customer Capital Environmental Services Mailing Address 8229 Base Bldg, Su, k320 City, State, ZIP Vienna, VA 22182 FAX (703) 356-4198 Technical Contact Mike Schubert Phone (703) 356-4198 Accounting Contact Jenco Harrington Phone (703) 356-3135 COMMON NAME OF WASTE: Caustic Picting Liquids - Comp (1) Provide a detailed description of the process which generates the waste. (Include any flow or block diagrams, if available) U.S. EIA Cleanup of a former plating Faulity; drans her after and then analyzed for caust heart of concern band on the contern band on the content ban	ğ	Plant Name Meadowlands Plating Site	State ID No. Same
Mail Address 2890 Waxt bridge Ave Bldg 209 (MS-211) City Edison Authorized Contact M. Solicili Emergency Contact Chris Lee (Cgital) Phone (132) 906. 6 9181: Emergency Contact Chris Lee (Cgital) Phone (132) 906. 6 9181: Phone (132) 906. 6 9181: Phone (132) 906. 6 9181: Phone (132) 956-3135 Customer Capital Environmental Services Established Account? Wes No Mailing Address 8229 Boane Bldg, Suitallo If yes, Account No. City, State, ZIP Vienna, VA 22182 FAX (703) 356-4198 Technical Contact Mike Schubert Phone (703) 356-3135 COMMON NAME OF WASTE: Caustic Pieting Liquids-Comp (703) 356-3135 Common Name Of Waste: Caustic Pieting Liquids-Comp (703) 356-3135 Provide a detailed description of the process which generates the waste. (Include any flow or block diagrams, if available) U.S. Ella Cleany of a former plating facility: draws has afted an interest and then gnalyzed for canth hunt of concern band on has afted an interest of plating liquids placed into drawn for dispusal.	E A		
Mail Address 2890 Want bridge Ave Bldg 209 (MS-211) City Edison Authorized Contact M. Solicia Phone (132) 906. 6 91811: Emergency Contact Chris Lee (Cgital) Phone (132) 356-3135 Customer Capital Environmental Services Established Account? Wes No Mailing Address 8229 Boare Bldg, Suitable It Yes, Account No. City, State, ZIP Vienna, VA 22182 FAX (703) 356-4198 Technical Contact Mike Schubert Phone (703) 356-3135 COMMON NAME OF WASTE: Caustic Plating Liquids-Comp (703) 356-3135 Provide a detailed description of the process which generates the waste. (Include any flow or block diagrams, if available) US SIA Cleany of a former plating fax (11the) draws have afted an interest and then goalyzed for canth hand of concern band on have afted an interest of plating liquids placed into draws for dispusal.			
Authorized Contact M. Soll Chi Emergency Contact Chris Lee (Cgital) Phone (732) 906. 6 918 Emergency Contact Chris Lee (Cgital) Phone (733) 356-3135 Customer Capital Environmental Services Established Account? Yes One Mailing Address 329 Boone Blod, Suita 3/0 If Yes, Account No. City, State. ZIP Vienna, VA 22182 FAX (703) 356-4198 Technical Contact Mike Schubert Phone (710) 344-2286 740-344-2185 fax Accounting Contact Jerica Harrington Phone (703) 356-3135 COMMON NAME OF WASTE: Caustic Plating Liquids-Comp (1) Provide a detailed description of the process which generates the waste. (Include any flow or block diagrams, if available) US Ell Cleanup of a former plating facility; drans her afted on-site and then analyzed for canthents of cancern band on her cafted on-site and then analyzed for canthents of cancern band on her cafted on-site and then analyzed for canthents of cancern band on her cafted on-site and then analyzed for canthents of cancern band on her cafted on-site and then analyzed for canthents of cancern band on her cafted on-site and then analyzed for canthents of cancern band on her canthents of cancern band of cancern band of cancern band of	. 1	Mail Address 2890 Wood bridge Ave Bld	209 (MS-211)
Emergency Contact Chris Lee (Cgital) Phone (72) 356-3135 Customer Capital Environmental Services Established Account? Eves No Mailing Address 829 Boone Blud, Su, k3/0 Milling Address 829 Boone Blud, Su, k3/0 City, State. ZIP Viennu, VA 22182 FAX (703) 356-4198 Technical Contact Mike Schubert Phone (710) 344-2286/740-344-2185fax Accounting Contact Jerica Harrington Phone (703) 356-3135 COMMON NAME OF WASTE: Caustic Plating Liquids-Comp (1) Provide a detailed description of the process which generates the waste. (Include any flow or block diagrams, if available) US 51A Cicanup of a former plating facility: drans have afted an-site and then analyzed for canth hants of concern band on have caft revents. Vats of plating liquids placed into drums for disposal.	3	City Edison	State NJ ZIP 08837
Customer Capital Environmental Services Established Account? The Vest No Mailing Address 8229 Boone Blud, Suite 310 If Yes, Account No. City, State, ZIP Viennu, VA 22182 Technical Contact Mike Schubert Phone (770) 344-2286 740-344-2185 fax Accounting Contact Jerico Harrington Phone (703) 356-3135 COMMON NAME OF WASTE: Caystic Plating Liquids - Comp (1) Provide a detailed description of the process which generates the waste. (Include any flow or block diagrams, if available) U.S. Ella Cleanup of a former plating facilities; drans her afted an-site and then analyzed for canst humb of concern band on here cafted an-site and then analyzed for canst humb of concern band on here cafted the value of plating liquids placed into drums for disposal		Authorized Contact M. Solichi	Phone (732) 906.6918
Customer Capital Environmental Services Established Account? The Yes IND Mailing Address 8229 Boane Blad, Su, k3/0 If Yes, Account No. City, State. ZIP Viennu, VA 22182 FAX (703) 356-4198 Technical Contact Mike Schubert Phone (710) 344-3286 / 740-344-3185 fax Accounting Contact Jenica Harrington Phone (703) 356-3135 COMMON NAME OF WASTE: Caustic Pietny Liquids-Comp (1) Provide a detailed description of the process which generates the waste. (Include any flow or block diagrams, if available) U.S. ESA Cleanup of a former plating facility; drams has author on surfect and then analyzed for canth heats of concern band on has cathed an-site and then analyzed for canth heats of concern band on has cathed an-site and then analyzed for canth heats of concern band on has cathed an-site and then analyzed for canth heats of concern band on has cathed an-site and then analyzed for canth heats of concern band on has cathed an-site and then analyzed for canth heats of concern band on heat cathed answer for disposal		Emergency Contact Chris Lee (Cyital)	Phone (74) 356-3135
Provide a detailed description of the process which generates the waste. (Include any flow or block diagrams, if available) US EPA cleanup of a former plating facility; drams have cutted an-site and then analyzed for constituents of concern band on have cat results. Vats of plating liquids placed into drums for dispuse!	BILLING INFORMATION	Mailing Address 8229 Boone Blud, Su, le 3/0 City, State. ZIP Viennu, VA 22182 Technical Contact Mike Schubert	H Yes, Account No
haz cat reverti vote of planne liveride placed into drume for disposal	:ON	IMON NAME OF WASTE: Caustic Plating	liquids- Compy
** CERCIA approved facilities only	IPTION	diagrams, if available) US EPA C/canyo	for coust thent of concern band on
	DESCR	** CERCIA approved facilities on	(x

IS A REPRESENTATIVE SAMPLE INCLUDED?

☐ Yes

国No

્ર	Physical state at 70°F:	□ Solid	☐ Powder/ Dust	Sludge	Mariquid				
STK	Color: black green varies								
PHYSICAL CHARACTERISTICS	Phases/Layers:	X Single	BBI-Layered(some)	□Multi-Layer	red				
HAR	Odor:	None	□Mild	□Strong					
2	Flash Point: 🗆 <73°F.	□ 74° - 99°F.	. 🗆 100° - 140°F. 🗆	141° - 200°F.	□ >200°F. © N.A.				
SIC	pH Range: □ <2	□ 2·3	3.7	7 - 12.5	万 >12.5 □ N.A.				
£	Density:	0.80 - 1.0	्राञ्च 1.01 - 1.20 ☐ धर्म	1.21 - 1.40	Exact:				
•									
3 5	sodium hydroxid			11 C	10-140ppm				
CHEMICAL	water chromium	10-90			%				
T T	copper		ppm		%				
8	nickle		ppm '		%)				
					n : M7				
AND	SHIPPING MODE: BULK LIQUID BULK SOLID DRUMS MODE OTHER/SPECIAL PACKAGING:								
Z 2	HIGHWAY 🗷 RAIL 🗆								
CONTABNA	SHIPPING VOLUME: 8-10								
38	SHIPPING FREQUENCY: PER WEEK MONTH OTHER: one fine								
•		4							
Z	accomic . A. O. S.								
HIPPING ORMATION	Proper Shipping Name: RQ Woste Corrosive Liquid, basic, inorganic, n. o. s. (sodium hydroxide, chremium)								
E C	Hezard Class	UN/NA	Number <u>UN 3 26 6</u>	Packing G	Group <u>II</u>				
5 3	EMERGENCY RESPON		154						
10	 Certificate of Dispose if yes, send to who a 	Il Required nd where?	Se Yes	No Ing address					
ENT					•				
PER	2. Are loads to be weigh		-	No					
SPECIAL REQUIREMENTS	 Hazardous Tax exem If yes, certificate is re with each manifest. 	pt? iquired	Mar Yes □	No					
SPECIA	4. Purchase order requires, please provide	red? number.	Ø Yes □ CAP 42/9	No 9 C L					
	5. Transportation quota	tion requested!	? 16	.,					

. Based on RCRA Regulations (40CFR261) and Michigan Hazardous Waste Rules (Act 451)

	QUESTION	YES	NO	WASTE CODE(5) (11 Applicable)
1.	Is this a RCRA Hezardous Waste?	×		F008, F009. D002
2.	Is the waste a Michigan Hazardous Waste (Act 451)?		×	
3.	Does the weste leach TCLP Constituents above regulatory limits? (Identify all applicable waste codes)	×		0007
4.	Does this waste contain total Mercury greater than 260 ppm?		×	
5 .	Does the waste exhibit ignitability? (attach results)		×	
6.	Does the waste exhibit Corrosivity? (attach results)	×		0002
7.	Does the waste centain reactive dyenide greater than 250 ppm?		×	
8.	Does the waste contain reactive suitide greater than 600 ppm?		×	
9.	Does the weste meet any Fileting description?			
10.	Does the waste meet any K listing description?		×	
11.	Does the weste meet any P listing description?		×	
12.	Does the waste meet any U listing description?		×	
13.	Is this waste subject to Benzene NESHAP regulations? (>10 ppm, Benzene by weight)		×	
14.	Is this waste a <u>non-hazardous</u> liquid waste regulated under Michigan Act 481, Part 1217		×	·
15.	Does the waste contain PCB's greater than 49 ppm, or, is the waste derived from a source containing PCB's greater than 50 ppm?		×	·
16	is waste generaled as a result of UST activity, regulated under 40 CFR 280? (If yes, what was the contents of the tank?)		×	
17	Does this waste contain used oil? (If yes, Total Halogen Analysis is required - Halogen > 1,000 ppm requires 8260 SCAN)		*	,
18	. Is the waste exempt under CESQG regulation 40 CFR 281.5? (If yes, must submit CESQG Certification)		×	
19	. is this waste regulated under:Subpart CC air emission standards (VOC ≥ 500 PPMW)? If yee, please submit any VOC analysis.		X	
20	. Does this waste contain metal fines/powders?		×	
21	. Does this waste exhibit any radioactivity?		X	
22	. Is this waste pyrophoric, air reactive or explosive?		X	

WASTE CHARACTERIZATION

. Based on either TCLP (attach results) or Generator knowledge indicate in the boxes the constituent for which the waste is hazardous.

0018 Benze 0019 Carbo 0021 Chlore 0022 Chlore	n lum nium iry ium ar	mg/L 5.0 100.0 5.0 5.0 0.2 1.0 6.0 100.0 500.0		区西西班牙西西西西岛 2	D027 D030 D032 D033 D034 D036 D038 D023 D024 D026 D026 D037	NEUTRAL EXTRACT 1,4 Dichlorobanzene 2,4 Dinitrotoluene Hexachlorobenzene Hexachlorobenzene Hexachloroethane Nitrobenzene Pyridine M - Cresol O - Cresol F - Cresol Fentachlorophenol	mg/L 7.5 0.13 0.5 3.0 2.0 5.0 200.0 200.0 200.0 100.0	** 000000000000	20000000000000000000000000000000000000
2004 Araeni 2005 Beriun 2006 Cadmi 2007 Chron 2009 Mercu 2010 Seleni 2011 Silver 2018 Coppu 2018 Coppu 2018 Senzi 2019 Carbo 2021 Chlori 2022 Chlori	n lum nium iry ium er ANICS ine on Tetrachioride	5.0 100.0 1.0 5.0 5.0 0.2 1.0 5.0 100.0 500.0	00,80000000	医阿拉思拉因氏原的 多	D030 D032 D033 D034 D036 D038 D023 D024 D026 D026 D037	2,4 Dinitrotoluene Hexachlorobenzene Hexachlorobutadiene Hexachloroethane Nitrobenzene Pyridine M - Crasol O - Cresol P - Cresol TTL Cresol	0.13 0.13 0.5 3.0 2.0 5.0 200.0 200.0 200.0	0000000000	以政政公
2005 Barium 2006 Cadmi 2007 Chron 2008 Lead 2009 Mercu 2010 Seleni 2018 Silver 2018 Coppu 2018 Coppu 2018 Benzu 2019 Carbo 2021 Chlore 2022 Chlore	lum nium iry ium ar ANICS ine in Tetrachioride	1.0 5.0 5.0 0.2 1.0 5.0 100.0 500.0 mg/L 0.5	00,80000000	四世级祖田安国的 20	D032 D033 D034 D036 D038 D023 D024 D026 D026 D037	Hexachlorobenzene Hexachlorobutadiene Hexachloroethane Nitrobenzene Pyridine M - Crasol 0 - Crasol P - Crasol	0.13 0.5 3.0 2.0 5.0 200.0 200.0 200.0 200.0	000000000	以政政公
Chronic Chroni	nium iry ium ar ANICS ine in Tetrachioride	5.0 5.0 0.2 1.0 5.0 100.0 500.0 mg/L 0.5		PROPERTY SE	D033 D034 D036 D038 D023 D024 D026 D026 D037	Hexachlorobutadiene Hexachloroethane Nitrobenzene Pyridine M - Crasol 0 - Crasol P - Crasol TTL Crasol	0.5 3.0 2.0 5.0 200.0 200.0 200.0 200.0	00000000	以政政公
Chronic Chroni	nium iry ium ar ANICS ine in Tetrachioride	5.0 0.2 1.0 5.0 100.0 500.0 mg/L 0.5		図の図の図の	D034 D038 D038 D023 D024 D026 D026 D037	Hexachioroethane Nitrobenzene Pyridine M - Crasol O - Crasol P - Crasol TTL Crasol	3.0 2.0 5.0 200.0 200.0 200.0 200.0	0000000	以政政公
0008 Lead 0009 Mercu 0010 Seleni 0011 Silver 0018 Coppu 0018 CARGA 0018 Benza 0019 Carbo 0021 Chlore	iry ium ar ANICS ine in Tetrachioride	0.2 1.0 5.0 100.0 500.0 mg/L 0.5		図の図の図の	D036 D038 D023 D024 D026 D026 D037	Nitrobenzene Pyridine M - Cresol O - Cresol P - Cresol TTL Cresol	2.0 5.0 200.0 200.0 200.0 200.0	000000	N M M M
0009 Mercu 0010 Seleni 0011 Silver 0019 Coppo 0000 Zinc E ME ORG/ 0018 Benzi 0019 Carbo 0021 Chlori 0022 Chlori	ium ar ANICS ane an Tetrachioride	1.0 5.0 100.0 500.0 mg/L 0.5	Yes	図の図の図の	D038 D023 D024 D026 D026 D037	Pyridine M - Cresol O - Cresol P - Cresol TTL Cresol	5.0 200.0 200.0 200.0 200.0	ممممم	IN EN EN EN
DOTO Seleni DOII Silver DOTO Coppo DOSE Zinc E ME ORGA DOTO Benza DOTO Carbo DO21 Chlore DO22 Chlore	ium ar ANICS ane an Tetrachioride	1.0 5.0 100.0 500.0 mg/L 0.5	Yes	図の図の図の	D023 D024 D025 D026 D037	M - Crasol 0 - Crasol P - Crasol TTL Crasol	200.0 200.0 200.0 200.0	0000	IN ECHINA
OOII Silver OOID Coppu OODE Zinc E ME OMG/ OOIB Benzi OOIB Carbo OO21 Chlori OO22 Chlori	ar ANICS ane an Tetrachioride	5.0 100.0 500.0 mg/L 0.5	Yes	No No	D024 D025 D026 D037	0 - Cresol P - Cresol TTL Cresol	200.0 200.0 200.0	000	
CHE ORG/ DO18 Benze DO19 Carbo DO21 Chlore DO22 Chlore	ANICS ine on Tetrachioride	100.0 500.0 mg/L 0.5	Yes	No No	D026 D037	P - Cresol TTL Cresol	200.0 200.0		
Z ME ORG/ D018 Benze D019 Carbo D021 Chlore D022 Chlore	ANICS ine on Tetrachioride	500.0 mg/L 0.5	Yes	25 No	D026 D037	TTL Cresol	200.0		
E HE ORG/ D018 Benzi D019 Carbo D021 Chlori D022 Chlori	ine on Tetrachioride	mg/L 0.5	Yes		D037				
0018 Benze 0019 Carbo 0021 Chlore 0022 Chlore	ine on Tetrachioride	0 .5				Pentachiorophenol	100.0	11	
0018 Benze 0019 Carbo 0021 Chlore 0022 Chlore	ine on Tetrachioride	0 .5							46
0019 Carbo 0021 Chloro 0022 Chloro	n Tetrachioride			区	D041	2.4.5 - Trichlorophenol	400.0	0	E
0021 Chlori 0022 Chlori	= -		ā	₩.	D042	2,4,6 - Trichlorophenol	2.0		12
DO22 Chlon	DOBLISM IN	100.0	ö	8		•	_		
	-4	6.0	ם	×	PEST	ICIDES	mg/L	Yes	Ň
1.2 Di			<u>.</u>		0020	Chlordane	0.03		0
	chloroethane	0.5	ü		D012	Endrin	0.02		8
	chloroethylene	0.7	ם	8	D031	Heptachlor (& its Hydroxide)	800.0		200
D035 Methy	/I Ethyl Ketone	200.0		8	0013	Lindane	0.4		5
	cholorethylene	0.7 0.5	2	8	D014	Methoxychior	10.0	Image: Control of the	Ş
	proethylene	0.5		区	D015		0.5		6
DO43 Vinyl	Chloride	U.Z	u	-				_	
					umbi	HCIDE\$	mg/L	Yes	N
						2.4 D	10.0		8
					5017	2,4,5 TP (Silvex)	1.0		. C
rint: M	Solicia Solicia Solicia				Title Date	: DSC	in a seti	na sti	

PATE: / /

Total

Rind

Upstate Caboratories, Inc. Analysis Results Report Number: 87599015

APPROVAL: _____ QC: _____ Lab I.D.: 10170

Sampled by: Client

MEADOWLANDS PLATING COMPOSITE 11 1515H 03/12/99 C

<6.0mg/kg

140mg/kg

03/26/99

03/26/99

- OLT I.D.: 07599015-Matrix: Liquid PARAMETERS results DATE ANAL. рЖ >12.557 03/17/99 RCRA Resotivity Reactive Sulfide <50mg/kg 03/18/99 Reactive Cymide <21mg/kg 03/25/59 Total Alumiaun 43mg/kg 03/26/99 Total Antimony <6.0mg/kg 0.089mg/kg 03/26/99 Arcenic by furnace method Total 03/26/99 Total Barium <6.0mg/kg 03/26/99 Total Beryllium <0.lmg/kg 03/26/99 Total Cadmium <0.1mg/kg 03/26/99 Total Calcium 26mg/kg 03/29/99 Total Chromium 80mg/kg 03/26/99 Total Cobalt <1.0mg/kg 03/26/99 Total Copper 7. log/kg 03/26/93 Total IFOR 22mg/kg 03/26/99 Total Lead 0.72mg/kg 03/26/99 Total Magnesium 03/29/99 <10mg/kg Total Munganese <0.4mg/kg 0.006mg/kg 03/26/99 Total Marcury 03/30/99 To bal Mickel 21mg/kg 03/26/89 Total Potassium 200mg/kg 5.027mg/kg 93/29/59 Total Selenium by furnace method 03/26/99 Total Silver <1.0mg/kg 03/26/99 Total Bodima 34,000mg/kg 03/29/99 Thallium by furnace method Total <0.06mg/kg 03/25/99 Total. Vanadium

City Environmental, Inc. SUBPART CC CERTIFICATION

Generator Name:	US EPA Region II-Mead	owlands Plating Site
Profile Number:		
•	. (Caustre Plating Liquids - Comp3
т.	On-Site Coordi	nator , a duly authorized
Name	Title	nacor / a dary accionation
representative o	f <u>US EPA Region II</u> ,	do hereby certify that the
and accurate, and does not cont	ained in the above refe nd further represent an	renced profile is complete d certify that this waste Compounds (VOC's) in otal).
generating this l		y knowledge and/or process account for any seasonal VOC concentrations.
Suland		4/28/59
Signature of Auth	norized Representative	Date
plimor F.	Soweki	
	Authorized Representativ	ve:

CITY ENVIRONMENTAL, INC. SURCHARGE EXEMPTION CERTIFICATION

Generator:	US EPA REGION II-MEAUOWIANDS FIACTING SILE
	890 Patterson Plank Road, East Rutherford, NJ 07073
Approval #	
	fication is pursuant to Section 324.11108(4) of Michigan's Natural and Environmental Protection Act, 1994 PA 451 (Act 451).
WAST	E TYPE:F008, F009, D002, 0007
	B DESCRIPTION: Caustic Plating Liquids-Comp 3
	FITY AND UNITS: 8-10 drums
	FEST NUMBER:
The follow section:	ing hazardous waste is exempt from the fees provided for in this
	Ash that results from the incineration of hazardous waste or the incineration of solid waste as defined in part 115.
	Hazardous waste exempted by rule because of its character or the treatment it has received.
<u>x</u>	Hazardous waste that is removed from a site of environmental contamination that is included in a list submitted to the legislature pursuant to section 20105, or hazardous waste that is removed as part of a site cleanup activity at the expense of the state or federal government.
	Solidified hazardous waste produced by a solidification facility licensed pursuant to section 11123 and destined for land disposal.
	Hazardous waste generated pursuant to a 1-time closure or site cleanup activity in this state if the closure or cleanup activity has been authorized in writing by the department. Hazardous waste resulting form the cleanup of inadvertent releases which occur after March 30, 19998 is not exempt from the fee.
_	Primary and secondary wastewater treatment solids from a wastewater treatment plant that includes an aggressive biological treatment facility as defined in section 3005(j)(12)(B) of subtitle C of the solid waste disposal act, 42 U.S.C. 6925.
_	Emission control dust or sludge from the primary production of steel in electric furnaces.
4/2	28/89 Qentu
Da	Signature
U5	EPA MUHAUT F. SOLOCKI
Compa	nv Name Printed Name

GENERATOR WASTE PROFILE



City Environmental, Inc. (313) 923-0080 (313) 923-9375 (FAX)

ATRACS No.:
Sales Ren: CZ

Submit typed or legibly printed profile with analytical and a one (1) quart representative earnpie.

CITY ENVIRONMENTAL, INC.

B	1923 Frederick Street MID 980-	• Detroit, MI 48211
		Chemical Fixation/Stabilization
¥	Generator Name <u>US EPA Region II</u> Plant Name <u>Meadowlands Plating Site</u>	US EPA ID No. NJD 002405736 State ID No. 59Me
INFORMATION	Site Address 890 Patterson Plank Road City East Rutherford State NJ	FAX () ZIP
GENERATOR	Mail Address 2890 Woodbridge Ave Bldg City Edison Authorized Contact M Bole Cki Emergency Contact Chris Lee (Cystol)	209 (MS-211) State NJ ZIP 08837 Phone (734 906 6918 Phone (73) 356-3135
BILLING INFORMATION	Customer <u>Capital Environmental Services</u> Meiling Address <u>8229 Boone Blud</u> , Su, k3/0 City, State. ZIP <u>Viennu</u> , VA 22182 Technical Contact <u>Mike Schubert</u> Accounting Contact <u>Jerica Harrington</u>	Established Account?
COI	MMON NAME OF WASTE: Acidic Plating	Liquids - Comp 30
	Provide a detailed description of the process which diagrams, if available) <u>U.S. EPA Cleanup</u> of the process which are the second than applicated	ch generates the waste. (Include any flow or block of a former plating facility: drems for constitution of concern bard on wilds placed into drums for dispusal
WASTE GENERATION DESCRIPTION	** CERCLA approved facilities on	
118	REPRESENTATIVE SAMPLE INCLUDED?	

Color:	S	Physical state at 70°F:	□ Solid	☐Powder/ Dust	Sludge Sludge	國Liquid
Chromic acid barel plating, liquid 1.5 % lead 5.57pm water 46-80 % setume 16.57pm plating studge fieldstatet 0-10 % 5.16pm Access 16-170pm 4.16fm 5.10pm Access 16-170pm 160-170pm Access 16-170pm 160-170m Access 16-170pm 16	SIC	Color: black green	/varies		(2/076///3	Care Grams)
Chromic acid barel plating, liquid 1.5 % lead 5.57pm water 46-80 % setume 16.57pm plating studge fieldstatet 0-10 % 5.16pm Access 16-170pm 4.16fm 5.10pm Access 16-170pm 160-170pm Access 16-170pm 160-170m Access 16-170pm 16	TER	Phases/Lavers:	M'Single	MBi-Lavered/son	∠ □Multi-Lave	red
Chromic acid barel plating, liquid 1.5 % lead 5.57pm water 46-80 % setume 16.57pm plating studge fieldstatet 0-10 % 5.16pm Access 16-170pm 4.16fm 5.10pm Access 16-170pm 160-170pm Access 16-170pm 160-170m Access 16-170pm 16	RAC	_	•	dru	ns)	
Chromic acid barel plating, liquid 1.5 % lead 5.57pm water 46-80 % setume 16.57pm plating studge fieldstatet 0-10 % 5.16pm Access 16-170pm 4.16fm 5.10pm Access 16-170pm 160-170pm Access 16-170pm 160-170m Access 16-170pm 16	CHA		•	- .	_	™ ~2009E RZNA
Chromic acid barel plating, liquid 1.5 % lead 5.57pm water 46-80 % setume 16.57pm plating studge fieldstatet 0-10 % 5.16pm Access 16-170pm 4.16fm 5.10pm Access 16-170pm 160-170pm Access 16-170pm 160-170m Access 16-170pm 16	AC (□ 74° - 99°F.	100° - 140°F.		
Chromic acid barel plating, liquid 1.5 % lead 5.57pm water 46-80 % setume 16.57pm plating studge fieldstatet 0-10 % 5.16pm Access 16-170pm 4.16fm 5.10pm Access 16-170pm 160-170pm Access 16-170pm 160-170m Access 16-170pm 16	SIC	pH Range: 💆 <2	□ 2-3	D 3 · 7	□ 7 - 12.5	□ >12.5 □ N.A.
Chromic acid barel plating, liquid +5 % Icad 5-57 pm water 40-80 % Schower 10-57 pm plating studge fields ldiet 0-10 % 5-100 pm plating studge fields ldiet 0-10 % 5-100 pm plating studge fields ldiet 0-10 pm pl	£	Density: <pre> □ < 0.80 </pre>	0.80 - 1.0		□ 1.21 - 1.40	Exact:
THE PING MODE: BULK LIQUID BULK SOLID DRUMS OTHER/SPECIAL PACKAGING: HIGHWAY RAIL SHIPPING MODE: BULK LIQUID BULK SOLID DRUMS OTHER/SPECIAL PACKAGING: HIGHWAY RAIL SHIPPING FREQUENCY: PER WEEK MONTH OTHER: one fime ONE Shipping Name: RQ, Waste Corrosive Liquid, Acdic, Inorganic, n. c.s., (chronic acid, copper) Hezard Class UN/NA Number Packing Group EMERGENCY RESPONSE GUIDE # 153 1. Certificate of Disposal Required if yes, send to who and where? Yes No 1. Certificate is required with each manifest. Yes, certificate is required with each manifest. Yes, please provide number. CAP 43 99 C L	1			·	timesa	10-870 ppm
Water 10-37-pm 10-	z	chromic acid bared p	lating liquid 4			
SHIPPING MODE: BULK LIQUID BULK SOLID DRUMS OTHER/SPECIAL PACKAGING: HIGHWAY RAIL SHIPPING VOLUME: 13-15 SHIPPING FREQUENCY: PER WEEK MONTH OTHER: one fime US DOT · SHIPPING DESCRIPTION Proper Shipping Name: Ra, Waste Corrorive Liquid, Acdic, Inorganic, n.o.s, (chronic acid, capper) Hazard Class UN/NA Number UN 32.65 Hazard Class UN/NA Number UN 32.65 Hexard Class UN/NA Number IS 3 1. Certificate of Disposal Required if yes, send to who and where? IS 3 1. Certificate of Disposal Required if yes, send to who and where? Yes No Style No No No Style No No No Style No No No Style No CAP 421 99 C L	CAL		•		nium	
SHIPPING MODE: BULK LIQUID BULK SOLID DRUMS OTHER/SPECIAL PACKAGING: HIGHWAY RAIL SHIPPING VOLUME: 13-15 SHIPPING FREQUENCY: PER WEEK MONTH OTHER: one fime US DOT · SHIPPING DESCRIPTION Proper Shipping Name: Ra, Waste Corrorive Liquid, Acdic, Inorganic, n.o.s, (chronic acid, capper) Hazard Class UN/NA Number UN 32.65 Hazard Class UN/NA Number UN 32.65 Hexard Class UN/NA Number IS 3 1. Certificate of Disposal Required if yes, send to who and where? IS 3 1. Certificate of Disposal Required if yes, send to who and where? Yes No Style No No No Style No No No Style No No No Style No CAP 421 99 C L	POS	pluting studge Isolia	deldurt 0-			
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SHIPPING MODE: BULK LIQUID BULK SOLID DRUMS COTHER/SPECIAL PACKAGING: HIGHWAY RAIL SHIPPING VOLUME: 13-15 SHIPPING FREQUENCY: PER WEEK MONTH OTHER: one fime US DOT - SHIPPING DESCRIPTION Proper Shipping Name: Ra, Waste Corrovive Liquid, Acdic, Inorganic, n. o.s., (chronic acid, copper) Hezard Class UN/NA Number UN 32.65 Packing Group Hezard Class SULK LIQUID WINDER: one fime 1. Certificate of Disposal Required if yes, send to who and where? Yes No If yes, certificate is required with each manifest. 4. Purchase order required? Yes No If yes, please provide number. CAP 421 99 C L	0					
OTHER/SPECIAL PACKAGING: HIGHWAY ARAIL SHIPPING VOLUME: /3-/5 SHIPPING FREQUENCY: PER WEEK MONTH OTHER: one fime ONE of the ping proper Shipping Name: RQ, Waste Corrorive Liquid, Acdic, Inorganic, n.o.s., (chromic gold), Copper) Hezerd Class UN/NA Number UN 32.65 Hezerd Class UN/NA Number Packing Group EMERGENCY RESPONSE GUIDE # 15-3 1. Certificate of Disposal Required Yes No If yes, send to who and where? Yes No If yes, certificate is required With each manifest. 4. Purchase order required? Yes No If yes, please provide number. CAP 421 99 C L	í					
HIGHWAY SHIPPING VOLUME: 13-15 SHIPPING FREQUENCY: PER WEEK MONTH OTHER: one fime ONE OF SHIPPING DESCRIPTION Proper Shipping Name: Ra, Waste Corrorive Liquid, Acidic, Inorganic, n. o.s., (chromic gold, copper) Hezard Class UN/NA Number Packing Group EMERGENCY RESPONSE GUIDE # 15-3 1. Certificate of Disposal Required If yes, send to who and where? 2. Are loads to be weighed? Yes No 3. Hazardous Tax exempt? Yes No 1. Yes, certificate is required with each manifest. 4. Purchase order required? Yes No 1. Yes No 1. Yes No 2. Are loads to be weighed? Yes No 3. Hazardous Tax exempt? Yes No 4. Purchase order required? No 1. Yes N	95					
US DOT · SHIPPING DESCRIPTION Proper Shipping Name: RQ, Was te Corrorive Liquid, Acdic, Inorganic, n.o.s, (chromic acid, copper) Hazard Class UN/NA Number EMERGENCY RESPONSE GUIDE # 153 1. Certificate of Disposal Required if yes, send to who and where? 2. Are loads to be weighed? 3. Hazardous Tax exempt? If yes, certificate is required with each manifest. 4. Purchase order required? If yes, please provide number. ENERGY Acdic, Inorganic, n.o.s, (chromic acid, copper) ### UN 32.65 Packing Group ### To No Captel of billing address ### Yes No CAP 42199 C L	Z		_			
US DOT · SHIPPING DESCRIPTION Proper Shipping Name: RQ, Was te Corrorive Liquid, Acdic, Inorganic, n.o.s, (chromic acid, copper) Hazard Class UN/NA Number EMERGENCY RESPONSE GUIDE # 153 1. Certificate of Disposal Required if yes, send to who and where? 2. Are loads to be weighed? 3. Hazardous Tax exempt? If yes, certificate is required with each manifest. 4. Purchase order required? If yes, please provide number. ENERGY Acdic, Inorganic, n.o.s, (chromic acid, copper) ### UN 32.65 Packing Group ### To No Captel of billing address ### Yes No CAP 42199 C L	12		•	77702 43	a de la composição de l	
US DOT · SHIPPING DESCRIPTION Proper Shipping Name: RQ, Was te Corrorive Liquid, Acdic, Inorganic, n.o.s, (chromic acid, copper) Hazard Class UN/NA Number EMERGENCY RESPONSE GUIDE # 153 1. Certificate of Disposal Required if yes, send to who and where? 2. Are loads to be weighed? 3. Hazardous Tax exempt? If yes, certificate is required with each manifest. 4. Purchase order required? If yes, please provide number. ENERGY Acdic, Inorganic, n.o.s, (chromic acid, copper) ### UN 32.65 Packing Group ### To No Captel of billing address ### Yes No CAP 42199 C L	300		Y: PER WEEK	HTMOM []	OTHER:_	one time
Proper Shipping Name: RQ, Waste Corrovive Liquid, Acidic, Inorganic, n. 0.5, [chromic acid), copper) Hezard Class						
Proper Shipping Name: RQ, Waste Corrovive Liquid, Acidic, Inorganic, n. 0.5, [chromic acid), copper) Hezard Class						
1. Certificate of Disposal Required If yes, send to who and where? 2. Are loads to be weighed? 3. Hazardous Tax exempt? If yes, certificate is required with each manifest. 4. Purchase order required? If yes, please provide number. EYes INO If yes, please provide number. I S Yes INO I No If yes, please provide number. I S Yes INO I No CAP 421 99 C L	, š	US DOT - SHIPPING DE	ESCRIPTION ROLLWarte	Corrosive Lie	uid. Addic. I	normanic, n. o.s.
1. Certificate of Disposal Required If yes, send to who and where? 2. Are loads to be weighed? 3. Hazardous Tax exempt? If yes, certificate is required with each manifest. 4. Purchase order required? If yes, please provide number. EYes INO If yes, please provide number. I S Yes INO I No If yes, please provide number. I S Yes INO I No CAP 421 99 C L	M E	Proper Snipping Name:	(chromic acid	L, Copper)		
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1. Certificate of Disposal Required If yes, send to who and where? 2. Are loads to be weighed? 3. Hazardous Tax exempt? If yes, certificate is required with each manifest. 4. Purchase order required? If yes, please provide number. 2. Are loads to be weighed? 3. Hazardous Tax exempt? Wes In No If yes, please provide number. 2. Are loads to be weighed? 3. Hazardous Tax exempt? Wes In No CAP 421 99 C L	3		- · · · ·		-	
If yes, send to who and where? 2. Are loads to be weighed? 3. Hazardous Tax exempt? If yes, certificate is required with each manifest. 4. Purchase order required? If yes, please provide number. Capted at billing address S No S Yes No No CAP 421 99 C L	,					
If yes, send to who and where? 2. Are loads to be weighed? 3. Hazardous Tax exempt? If yes, certificate is required with each manifest. 4. Purchase order required? If yes, please provide number. 2. Are loads to be weighed? 3. Hazardous Tax exempt? 4. Purchase order required? 6. Purchase order required? 6. CAP 421 99 C L		1. Certificate of Dispos	al Required			
·	2	If yes, send to who a	ind where?	Capital at	Illing address	
·			h a al O		NE NO	
·		2. Are loads to be welg	Ned r		-	
·	5	2 Magandaria Tay aven	ent?	XX Yes	□ NO	
·	REO	If ves. certificate is re				
	PECIAL REGI	If yes, certificate is rewith each manifest. 4. Purchase order requi	equired sired?	∭28 Yes	□ No	

Based on RCRA Regulations (40CFR261) and Michigan Hazardous Waste Rules (Act 451)

	QUESTION	YES	NO	WASTE CODE(S) (If Applicable)
1.	Is this a RCRA Hazardous Waste?	×		F008, F009, D003, D0 D004, D010, D011, D00
Ž.	is the waste a Michigan Hazardous Waste (Act 461)?		×	
3.	Does the weste leach TCLP Constituents above regulatory limits? (Identify all applicable waste codes)	*		0004, 0010, 0011
4.	Does this waste contain total Mercury greater than 260 ppm?		*	
5.	Does the waste exhibit ignitability? (attach results)		×	
6.	Does the waste exhibit Corrosivity? (attach results)	×		D002
7.	Does the waste centain reactive cyanide greater than 250 ppm?		×	
8.	Does the waste contain reactive sulfide greater than 500 ppm?		×	
9.	Does the waste meet any F listing description?	×		F008, F009
10.	Does the waste meet any K listing description?		×	
11.	Does the waste meet any P listing description?		×	
12.	Does the waste meet any U listing description?		×	
13.	le this waste subject to Benzene NESHAP regulations? (>10 ppm, Benzene by weight)		×	
14.	Is this weste a non-hazardous liquid waste regulated under Michigan Act 451, Part 1217		×	
15.	Does the waste contain PCB's greater than 49 ppm, or, is the waste derived from a source containing PCB's greater than 50 ppm?		×	
16.	Is waste generated as a result of UST activity; regulated under 40 CFR 280? (If yee, what was the contents of the tank?)		×	
17.	Does this waste contain used oil? (If yes, Total Halogen Analysis is required - Halogen > 1,000 ppm requires 8260 SCAN)		*	
18.	is the waste exempt under CESQG regulation 40 CFR 281.5? (If yes, must submit CESQG Certification)		×	
19.	is this waste regulated under:Subpart CC air emission standards (VOC ≥ 500 PPMW)? If yes, please submit any VOC analysis.		X	
20.	Does this waste contain metal fines/powders?		×	
21.	Does this waste exhibit any radioactivity?		×	
	. Is this waste pyrophoric, air reactive or explosive?		X	

WASTE CHARACTERIZATI

. Based on either TCLP (attach results) or Generator knowledge indicate in the boxes the constitution for which the waste is hazardous.

	META		mg/L	Yes	No		NEUTRAL EXTRACT	mg/L 7.5	Yes	No No
- 1		Arsenic	5.0	S		0027		0.13	ō	D
	D005	Barlum	100.0		22	D030	Hexachiorobenzene	0.13	ö	以及阿爾阿克
ļ	D006		1.0		8	0032	Hexachiorobutadiene	0.5		2
	D007		5.0	8				3.0		每
*	D008		5.0	Ø		D034		2.0	Ö	B
ANALYSIS	D009	Mercury	0.2			D036		5.0	ō	<u> </u>
. ₹!	D010	Selenium	1.0	28		D038	Pyridine	200.0		
3	DOIL	Silver	5.0	23		0023	M - Cresol	200.0	0	N M M
0,	001D	Copper	100.0	J23			0 - Cresol	200.0		3
100	0035	Zinc	500.0		因	D025	P - Cresol	200.0		D.
						D026	TTL Cresol			*
	ZHE	ORGANICS	mg/L	Yes	No			100.0	5	*
	D018	Benzene	0.5		X	D041	2.4,5 - Trichlorophenol	400.0		多
8	D019	Carbon Tetrachioride	0.5	Ō		D042	2,4,6 - Trichlorophenol	2.0		_
Ĕ	0021	Chlorobenzene	100.0	ö	8			_		
CHARACTERISTICS	D022	-	6.0	Ö		PEST	ICIDES	mg/L	Yes	No
#		1,2 Dichloroethane	0.5	Ö	玄	D020	Chiordane	0.03		8
E	D028	1,1 Dichloroethylene	0.5	ă	Â		Endria	0.02		2
3	D029		200.0	ö	8			800.0		8
\$	D035	Methyl Ethyl Ketone	0.7	Ö	8	-	Lindane	0,4		<u> </u>
芳	D039	Tetracholorathylene	0.5	0	B	D014		10.0		ख
_	D040	Trichlorosthylene	0.2		X		_ *	0.5		図
	D043	Vinyl Chloride	0.2	u						
						usaf	BICIDES	mg/L	Yes	No
	Į									8
	1					DA44	9 A D	10.0		
	1					D016	2.4 D	10.0	ö	
				·		D016 D017	2.4 D 2.4.5 TP (Silvex)			
	"No" at Print: _ Signed On be inform hazard emplo hold C	half of the generator I half of the generator I half of the generator I half of the generator and waste generator and waste generator and waste generator and waste generator in polytopic but not beta including, but not	certify the source of the sour	at all ind is it ind	nforman ac pertive of ibaid	Do17 cess g classif Title Date mation curate sining the Ge	enerating the waste, these lication levels.	includ	ing att d sue; and i demn	narked
	"No" at Print: _ Signed On be inform hazard emplo hold C	half of the generator I nation, is complete and des, and waste generator in the generator in the complete and des, and waste generator in the complete and duly authorized including, but not above certification by	certify the factual at or regulated representation a limited to the gene	at all indisting states at all indisting states at attor.	nforman ac pertire of ibaid may'r	Don7 cess g classif Title Date mation curate sining the Gellaries	enerating the waste, these lication levels. :	includ	ing att d sue; and i demn	narked

"I hereby authorize CITY Management Corporation personnel to add supplemental information to the waste approval file provided I am contacted to give verbal permission. I authorize CITY Management Corporation personnel to obtain a sample from any waste shipment for purposes of verification and confirmation."

llakar

CITY ENVIRONMENTAL, INC. SURCHARGE EXEMPTION CERTIFICATION

	US EPA Region II-Meadowlands Plating Site
	890 Patterson Plank Road, East Rutherford, NJ 07073
Approvat #:	•
	fication is pursuant to Section 324.11108(4) of Michigan's Natural and Environmental Protection Act, 1994 PA 451 (Act 451).
WASTE	E TYPE:F008, F009, D002, D004, D010, D011,0007,0009
WASTE	DESCRIPTION: Acidic Plating Liquids-Comp 2
	CITY AND UNITS: 13-15 drums
	FEST NUMBER:
The follows section:	ing hazardous waste is exempt from the fees provided for in this
	Ash that results from the incineration of hazardous waste or the
	incineration of solid waste as defined in part 115.
	Hazardous waste exempted by rule because of its character or the treatment it has received.
<u>x</u>	
	contamination that is included in a list submitted to the
	legislature pursuant to section 20105, or hazardous waste that is
	removed as part of a site cleanup activity at the expense of the
	state or federal government.
	Solidified hazardous waste produced by a solidification facility licensed pursuant to section 11123 and destined for land disposal.
	Hazardous waste generated pursuant to a 1-time closure or site cleanup activity in this state if the closure or cleanup activity has been authorized in writing by the department. Hazardous waste resulting form the cleanup of inadvertent releases which occur after
	March 30, 19998 is not exempt from the fee.
	Primary and secondary wastewater treatment solids from a wastewater treatment plant that includes an aggressive biological treatment facility as defined in section 3005(j)(12)(B) of subtitle C of the solid waste disposal act, 42 U.S.C. 6925.
	Emission control dust or sludge from the primary production of steel
	in electric furnaces.
4/2	8/99 Genham
Da USC	te Signature
Compa	ny Name Printed Name

City Environmental, Inc. SUBPART CC CERTIFICATION

Generator Name:	US EPA Region II-Meadowla	nds Plating Site
Profile Number:		
	Acidic 1	Plating Liquids-Comp 2
I,Name	, <u>On-Site Coordinato</u> Title	<u>r</u> , a duly authorized
	of <u>US EPA Region II</u> , do h	ereby certify that the
and accurate, and does not cont	cained in the above reference and further represent and centain Volatile Organic Contract than 500 ppmw (total	ertify that this waste ompounds (VOC's) in
generating this	on is made based upon my kn hazardous waste and does ac bility that may effect VOC	count for any seasonal
Menhus !-		4/28/88
Signature of Aut	horized Representative	Date
MUMAER F	: Sovecki	
	Authorized Representative	

DATE: / /

APPROVAL:

MEADONEANDS PEATING
COMPOSITE 10 1615E 03/15/99 C

sampled by: Client

Opetate Laboratorias, Inc. Analysis Results Report Number: 07599015

VLI I.5.7 07599018

PA	Raceters .		RESULTS	DATE ANAL.	KRY	PILES
	:					
	PE	C-2.	<2.08U	03/17/99		305243
	Mitrate-Mitrogen	gar	Urdeg/kg	03/17/39		MCE307
	Chloride		<24,000mg/kg	03/25/99		WC5365
	Sulfate		520mg/kg	03/18/99		WC5Z69
	Specific Gravity		1.3	03/24/99	•	WC8331
Total	Total Suspended Solids		630ng/kg	03/18/89		WC5262
Total			260mg/Kg	03/26/99		:XX2030
Total	Antimony		670mg/kg	03/26/99		202020
Total	Artenia by furnace method		190mg/kg	03/26/99		2030
	Barium		<30mg/kg	03/26/99		EE2010
Total	Sechijim		<0.50mg/kg	03/26/93		202030
Total	Cadmium		<0.5mg/kg	03/26/89		M22030
Total	Caloium		1100mg/kg	03/29/99		M2038
Total	Chromium		54,000mg/kg	03/25/99		MH2030
Total	Cobalt		<5.0mg/kg	02/26/99		753010
Total	Coppes		2400mg/kg	03/26/99		MEEDE O
Total	Iron		1800mg/kg	03/26/99		122030
Total	Load		57mg/kg	03/26/93		103030
Total	Xegnosium		550mg/kg	03/29/98		MR2032
Total	Xangadosa		7.2mg/kg	03/26/99		MM2030
Total Total	Moreury		<0.004mg/kg	QQ\DE\E0	:	1030771
	Michel		1800mg/kg	03/26/99		·MR2030
Total	Poteseium		250mg/kg	03/29/99	•	ME2032
Total	Selenium by furnace method		82mg/kg	03/26/99		1022010 2020010 2020012
Total	Ellver		10mg/kg	03/26/99		201010
Total	Sodium		4000mg/kg	03/29/99	1	12032
Total	Thallium by furnace method		1.00mg/kg	03/26/35	• '	2020 30
Total	Vaned1 tm		<30mg/kg	03/26/99		2012030
Total	Zina		\$60mg/kg	03/26/99		ME2030
TCLP	yzaenta		83mg/2	03/26/99	•	30E2Q30
TCLF	Berium		0.7mg/1	03/26/99		ME2010
TCFS	Cadmium		<0.05mg/l	03/26/98		MEEGSO.
TOLY	Chronium		\$300mg/1	03/26/99		M22 030
TCLP	Cabber		2500mg/1	03/26/99		M2030
POLP	Lead		23mg/1	03/26/99		MR2030
TCLP	Mexican		<0.0004mg/1	03/30/99		100871
TCLP	Selenium		96mg/1	03/26/99		MR2030
TCLP	Silver		6.7mg/1	03/26/99		ME2030
TCLP	Zinc .		210mg/1	03/24/99		MR2030

GENERATOR WASTE PROFILE



City Environmental, Inc. (313) 923-0080 (313) 923-3375 (FAX)

ATRA	CS No.:	-
Sales	Rep:	-

AA

Submit typed or legibly printed profile with analytical and a one (1) quart representative sample.

CITY ENVIRONMENTAL, INC.

1923 Frederick Street • Detroit, MI 48211

	MID 980-	
	Wastewater Treatment	Chemical Fixation/Stabilization
	Generator Name <u>US EPA Region II</u>	US EPA ID No. NJD 002 405 436
Z	Plant Name Meadowlands Plating Site	State ID No. Same
INFORMATION	Site Address 890 Patterson Plank Road	FAX ()
5	City East Rutherford State NJ	County ZIP
GENERATOR 1	Mail Address 2890 Wast bridge Ave , Bld	209 (ms-211)
8	City Edison	State NJ Attn:
9	Authorized Contact Mike Solecki	State NJ ZIP 08837 Phone (482) 906-6918
	Emergency Contact Chris Lee (Capital)	Phone (763) 356-3135
Š	Customer Capital Environmental Services	Established Account?
MA	Mailing Address 8229 Boone Blud, Su, #310	
NFORMATION	City, State, ZIP Viennu, VA 22182	FAX (703) 356-4198
	Technical Contact Mike Schubert	Phone (710) 344-7286/740-344-21857ax
	Accounting Contact Jerrica Harrington	Phone (703) 356-3/35
CO	MMON NAME OF WASTE: Neutral Plating	Liquidi- Comp9
	Remains a detailed description of the process whi	ch generates the waste. (Include any flow or block
	diamone it available) U.S EPA C/Canyp	of a former plating radilly, artis
_	has cutted assiste and then analyzed	for constituents of concern con-
	haz cat results vats of plating li	y wids placed into drums for dispusal
HE T		
WASTE GENERA DESCRIPTION	** CERCLA approved facilities on	ly
	A REPRESENTATIVE SAMPLE INCLUDED?	Yes 125 No
123	A MCTACOGRIPTITO TOWN OF HITCHOLD	

g	Physical state at 70°F;	☐ Solid	☐ Powder/ Dust	Sludge	⊠ Liquid
STEC	Color: black green	/varies			
PHYSICAL CHARACTERISTICS	Phases/Layers:	図Single	Bi-Layered Csc dru	.nc) □Multi-Laye	ored
ARA	Odor:	X None	□ Mild	□Strong	
5	Flash Point:	□ 74° - 99°F.	□ 100° - 140°	F. 🗆 141° - 200°F	l l
SIC	pH Range: □ <2	□ 2 - 3	⊠ 3·7	□ 7 - 12.5	□ >12.5 □ N.A.
E	Density: <pre>Color</pre>	0.80 - 1.0	№ 1.01 - 1.20 ext	□ 1.21 - 1.40	Exact:
_1	aqueous plahay lig	u Muster 90	-/nd % z	inc	5-280 ppm
CHEMICAL	plating sludge / soli	ds/dirt 0	-10 % 50	lensum	5-10ppm
CHEMICAL	Chromium	5-	120 ppo 541	factants /deterg	ents 5-10
ठ हु	ockle	<u>5-</u> ,	- 8400 _{fpm}		%
,					
9 E		BULK LIQUID			ns∵ ⊠
QUANTITY AND CONTAINMENT		HIGHWAY 🗷	AL PACKAGING: RAIL MONTH		one time
	US DOT - SHIPPING DE	SCRIPTION			
HIPPING	Proper Shipping Name:	Ra, Hazard	our Waste, Li	guid, n.o.s.	
SHI PPING INFORMATIC		UN/NA	Number NA 30	Packing	Group <u>TII</u>
E S	Certificate of Dispos If yes, send to who a	al Required and where?	Yes Capital at	□ No billing address	
ENE	2. Are loads to be weig	hed?	☐ Yes	Ø No	
SPECIAL REQUIREMENTS	Hazardous Tax exem If yes, certificate is re with each manifest.	npt? equired	⊠ Yes	□ No	
SPECIA	Purchase order requirements If yes, please providence	nired? e number.	· · · · · · · · · · · · · · · · · · ·	□ No 2/99 C L	
	5. Transportation quote	ition requested	? 16		

Based on RCRA Regulations (40CFR261) and Michigan Hazardous Waste Rules (Act 451)

	QUESTION	YES	NO	WASTE CODE(S) (If Applicable)
1.	Is this a RCRA Hazardous Waste?	×		POOT, FUUR, FOOG 0010, 0007
2.	Is the waste a Michigan Hazardous Waste (Act 451)?		×	
3.	Does the waste leach TCLP Constituents above regulatory limits? (Identify all applicable waste codes)	لمد		9007,0010
4.	Doss this waste contain total Mercury greater than 260 ppm?		×	
5.	Does the waste exhibit Ignitability? (attach results)		×	
6.	Does the waste exhibit Corrosivity? (attach results)		>	
7.	Does the waste contain reactive cyanide greater than 250 ppm?		×	
8.	Does the waste contain reactive sulfide greater than 500 ppm?		×	
9.	Does the waste meet any F listing description?	*		F007, F008, F009
10.	Does the waste meet any K listing description?		×	
11.	Does the waste meet any P listing description?		×	
12	Does the waste meet any U listing description?		×	
13	ts this weste subject to Benzene NESHAP regulations? (>10 ppm, Benzene by weight)		×	
14	ls this waste a <u>non-hazardous</u> liquid waste regulated under Michigan Act 451, Part 121?		*	·
15	Does the waste contain PCB's greater than 49 ppm, or, is the waste derived from a source containing PCB's greater than 50 ppm?		×	,
16	. Is waste generated as a result of UST activity, regulated under 40 CFR 280? (If yes, what was the contents of the tank?)		×	
17	. Does this waste contain used oil? (If yes, Total Halogen Analysis is required - Halogen > 1,000 ppm requires 8260 SCAN)		*	
18	l. Is the waste exempt under CESQG regulation 40 CFR 261.5? (If yes, must submit CESQG Certification)		×	
15). Is this waste regulated under:Subpart CC air emission standards (VOC ≥ 500 PPMW)? If yes, please submit any VOC analysis.		X	
20	. Does this waste contain metal fines/powders?		×	
21	. Does this waste exhibit any radioactivity?		X	
22	ls this waste pyrophoric, air reactive or explosive?		X	

WASTE CHARACTERIZATION

Based on either TCLP (attach results) or Generator knowledge indicate in the poxes the constituent for which the waste is hazardous.

0005 B 0006 C 0007 C 0008 L	s Arsenic Barium Cadmium	mg/L. 5.0	Yes	No					
0005 E 0006 C 0007 C 0008 L	Barium	0.0		X	D027	NEUTRAL EXTRACT 1,4 Dichlorobenzene	7.5		
0006 C 0007 C 0008 L 0009 N		100.0	ō		D030	2,4 Dinitrotoluene	0.13		N N
0007 C 0008 L 0009 N	NGALLIA	1.0	5	<u> </u>	D032	Hexachlorobenzene	0.13		DE LOS
0008 L	Chromium	5.0	<u> </u>	ā	D033	Hexachlorobutadiene	0.5		X
0009 N	_ead	5.0	Ö	12	D034	Hexachioroethane	3.0	5	X
	viercury	0.2	ō		D036	Nitrobenzene	2.0	םכ	
JUIU 3	Selenium	1.0	X		D038	Pyridine	5.0		
301 6		5.0	ō	<u> </u>	D023	M - Cresol	200.0		
	Silver Soons	100.0	Ø		D024	0 - Cresol	200.0	0	西区
)0 10 - (* *	500.0	a	53	D025	P - Cresol	200.0	ם	
2000 - 2	Zinc	555.5	_		D026	TTL Cresol	200.0	0	D D
- 442 - 4	ORGANICS	mg/L	Yes	No	D037	Pentachlorophenol	100.0		×
		0.5		5 X	D041	2.4.5 - Trichlorophenoi	400.0	9	8
	Benzene On the Total colonida	0.5	Ö		D042	2,4,6 - Trichlorophenol	2.0		Ø
	Carbon Tetrachloride	100.0	0	- Z			_		•••
	Chloroberizene	6.0	0	Z	PEST	icides	mg/L	Yes	No
	Chloroform	0.5		X		Chlordane	0.03		8
	1,2 Dichloroethane	0.5		<u> </u>	D012	Endrin	0.02		Ø
	1,1 Dichloroethylene	200.0		Z Z	D031	Heptachlor (& its Hydroxide)	800.0		Ø
	Methyl Ethyl Ketone	0.7		8	-	Lindane	0.4		
	Tetracholorethylene	0.5	<u> </u>	8	D014		10.0		<u> </u>
	Trichloroethylene	0.2		区	D015		0.5		Ø
D043	Vinyl Chloride	U.Z			••••		_	-4	
					HERI	BICIDES	mg/L	Yes	No
						2,4 D	10.0		8
					D017	2,4,5 TP (Silvex)	1.0		. 3
No" are Print:	Mayle Sole Chi	ite above	hazai	rdous	classi Title	1. <u>05C</u> 1/2e/99			

DATE: / /

Ugstate Laboratories, Ind. Analysis Results Report Number: 07539015

Sampled by: Client

APPROVAL: _ _ _

QC: Lab I.D.: 10170 MEADONLANDS FLATING COMPOSITE 9 1500E 03/15/99 C

Mitrig: Liquid

PARAMETERS PARAMETERS RESULTS DATE ANAL, RET FIT	
### Specific Gravity	3
Specific Gravity	
Specific Gravity	243
Total Suspended Solids Total Aluminum Total Aluminum Total Antimony Total Antimony Total Arsenic by furnace method Total Barium Total Beryllium Total Susyllium Total Cadmium Calcium Total Cobalt Total Cobalt Total Comper Total Comper Total Comper Total Comper Total Comper Total Lead Total Lead Total Lead Total Lead Total Magnesium 1400/kg 03/16/99 1400/kg 03/26/99 1400/kg 15041 Total Lead 1504/kg 03/26/99 1605/86/99 1606/86/89	
Total Antimony	20x
Total Arenie by furnace method 1.0mg/kg 03/26/99	
Total Barium 1.0mg/kg 03/26/99 201 Total Barium 14mg/kg 03/26/99 201 Total Barylium 0.2mg/kg 03/26/99 201 Total Cadmium 0.2mg/kg 03/26/99 201 Total Chromium 190mg/kg 03/26/99 201 Total Cobalt 1.0mg/kg 03/26/99 201 Total Copper 1.0mg/kg 03/26/99 201 Total Copper 1.0mg/kg 03/26/99 201 Total Lead 6.1mg/kg 03/26/99 201 Total Lead 6.1mg/kg 03/26/99 201 Total Lead 6.1mg/kg 03/26/99 201 Total Magnesium 18mg/kg 03/26/99 201	
Total Suryllium Co.long/kg O3/26/99	
- Total Cadmium 0.2mg/kg 03/26/99 Total Calcium 190mg/kg 03/26/99 Total Chromium 120mg/kg 03/29/99 Total Cobalt 3.6mg/kg 03/26/99 Total Copper 140mg/kg 03/26/99 Total Iron 610mg/kg 03/26/99 Total Lead 6.1mg/kg 03/26/89 Total Lead 6.1mg/kg 03/26/89 Total Magnesium 38mg/kg 03/26/89	
Total Cadmium Total Calcium Total Calcium 190mg/kg 120mg/kg 1	
Total Carcium 190mg/kg 03/29/99 Total Chromium 120mg/kg 03/26/99 Total Copper 140mg/kg 03/26/99 Total Irun 610mg/kg 03/26/99 Total Lead 6.1mg/kg 03/26/99 Total Magnesium 18mg/kg 03/26/99	347
Total Cobmit 1200g/kg 03/26/99 Total Copper 1400g/kg 03/26/99 Total Iron 6100g/kg 03/26/99 Total Lead 6.1mg/kg 03/26/89 Total Magnesium 18mg/kg 03/26/89	
Total Consist 3.6mg/kg 03/26/39 (472) Total Iron 610mg/kg 03/26/99 (472) Total Lead 6.1mg/kg 03/26/89 (472) Total Magnesium 36mg/kg 03/29/99	
Total Iron 610ag/kg 03/26/99 Total Iron 610ag/kg 01/26/89 Total Lead 6.lag/kg 03/26/89 Total Magnesium 16mg/kg 03/29/80	.500
Total Lead 610ag/kg 01/26/89 5041 Cotal Lead 6.lag/kg 03/26/89 5041 Total Magnesium 16mg/kg 03/29/80 5041	
Total Lead 6.lmg/kg 01/26/29 Total Magnesium 16mg/kg 03/29/90 Total	
Total Magnesium 16mg/kg 03/29/90 Salah	
	1
Total Mangamese 5.7mg/kg 03/26/99 03/26	
Total Margury 40 D04mg/kg 03/15/95	
rotal Nickel 8400mg/kg 03/26/99	
1900m//c 61/20/60	**
Total Selection by furnace method 9. Smaller 63/26/26	25 N
TOTAL SLIVET <1.0mg/kg 03/26/4 Miles	
12 660ma/km 12 760ma/km 17/26/00	
Total Thellium by furnace method <0.06mp/kg 03/26/99	7
Total Vanadium	35
240mg/kg 03/26/99	1672
0.58mg/1 83/26/99 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
41 2mg/1 A3/25/66	
Cachium 0.19mm/1 09/26/89	
TCUP Chronium	76
160mg/1 03/24/04	
1. Smm/7 87/75/00	
	77.5
1 tmg/7 03/35/00	110
0.20mg/1 03/26/89	320
7CL9 Sind 180mg/1 03/26/99 002	150

CITY ENVIRONMENTAL, INC. SURCHARGE EXEMPTION CERTIFICATION

Address: EPA ID#: Approval #: This certif Resources a WASTE WASTE	US EPA Region II-Meadowlands Plating Site 890 Patterson Plank Road, East Rutherford, NJ 07073 Fication is pursuant to Section 324.11108(4) of Michigan's Natural and Environmental Protection Act, 1994 PA 451 (Act 451). TYPE: F007, F008, F009, D010, 0007 DESCRIPTION: Neutral Plating Liquids-Comp 1 ITY AND UNITS: 9-12 drums
	ng hazardous waste is exempt from the fees provided for in this
	Ash that results from the incineration of hazardous waste or the incineration of solid waste as defined in part 115.
	Hazardous waste exempted by rule because of its character or the treatment it has received.
<u>x</u>	Hazardous waste that is removed from a site of environmental contamination that is included in a list submitted to the legislature pursuant to section 20105, or

City Environmental, Inc. SUBPART CC CERTIFICATION

Generator Name:	US EPA Region II-	-Meadowlands Pl	lating Site
Profile Number:		Nextral Plating Lig	oulds - Compl
information contant and accurate, and does not cont	Titl F US EPA Region II Company ained in the above d further representatin Volatile Organization	, do hereby referenced pro t and certify ganic Compour	certify that the ofile is complete that this waste
generating this	on is made based up nazardous waste and oility that may eff	d does account	for any seasonal
Mulin H			4/28/89
	norized Representat	ive I	Date
Michael F. Soc Printed Name of A	EECKI Authorized Represen	 ntative	